Character Educational Value of Stephen Hawking in the Theory of Everything Movie Directed by James Marsh

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Abstract

The purpose of the research is to analyze character educational values in The Theory of Everything movie directed by James Marsh. It discusses about character educational values that are shown in and depicted by Stephen Hawking. This research investigates 6 character educational values of Stephen Hawking that consist of persistent, self-confident, communicative, optimistic, curious and hard working. The Theory of Everything is a perfect movie for analyzing character educational values, as it tells about Stephen Hawking's life who tries keeping himself on fire even though there are so many inside and outside obstacles. According to Afandi in (Budihardjo, 2017) “Character education is an education system with invest values accordance with the nation's culture and knowledge aspects, feels of affection, and actions, both against Almighty God either for themselves, the communities and the nation”. It means character education values involves developing sensitivity to be good and enables to choose the right values in accordance with the thought and action. So character educational values that are shown by Stephen hawking can make us know how to be success to reach our ambition.

Key words: Character Educational Value, Character Educational Value’s types, The Theory of Everything movie

INTRODUCTION

Literature is the materials or a source of scientific that used to make a paper or other scholarly activities. Literature is form of human expression that expressed in words such as poem, novel, and journal. It is not only in writing but also in the form of movie, cassette, record and many more. Based on (Yastanti, U. Widhiyanto, 2018), “Literature is a uniquely human activity, born of man's timeless desire to understand, express, and finally share experiences”. It meansthe literature has many forms both written and unwritten. There are many kinds of literature, such as poetry, novel, autobiography and many other fiction or nonfiction works. Movie is as also known as film is to express and to be a large part of people knowledge and awareness. Movie is a modern art that made for business and entertainment. Movie is used to convey a specific message from the author. Based on (Safranj, 2015), “Movies are motivating media due to encompassing various topics and they are presented with both audio and visual”. It means that movies can also be considered as part of human artwork expressed in visual and audio. Besides that a movie can be as a medium of communication and a good educator through the message contained in it. It is explained that movie is a part of moving picture contain shot and frames called animated. There are a lot of aspects can be found in a movie such as character, plot,
setting, theme, and point of view. The aspects that would like to describe in this research is character. Character is personality which makes someone look different from others. Character is inner nature that is affected a mind, behavior, norm which have by a human. According to Koesnosobroto in Pangestu, 2019, "Characters can be divided into two kindly major or main character and minor character. Major character is the most important character in a story. Basically, story is about main character, but main character cannot stand alone, main character needs other characters to fill the story to be more convincing and feels alive". From the definition above, it means that a character plays an important role and it also needs other roles such as the existence of the supporting roles for success. So the story can be more interesting and relatable because film without character seems flat.

Character educational values are essential values in every aspects of life. They help people to accomplish and reach their goals in any conditions and situations. Khoirina, Suyitno, & Winarni, 2017 states that character education is the process of forming the personality, psychology, and physical structure in a balanced relationship. The process is done to anticipate the influence of the outside is not good. In general, character education is to protect oneself and form personality independently based on certain beliefs individual or group as well as nation and state. According to Lickona in Agung, 2018, "Character education is a plus moral education, which include the cognitive, emotion, and action aspects, without these three aspects, the character education would not be effective". From the explanation above character educational value can be defined as a system that is shown by instilling high values, morals, ethics and culture.

The Theory of Everything movie directed by James Marsh, is starred by a talented actor, singer and model from London, Eddie Redmayne. This movie is not like movies on televisions and theaters which contain a lot of violence or pornography, it delivers so many character educational values such as hard working, persistent, communicative, and, etc. The characters of educational values that are shown by Stephen Hawking are started when he is a physics PhD student at Cambridge tries proving his idea about black holes. Stephen’s life is not easy when doctors diagnose him with amyotrophic lateral sclerosis, an incurable progressive degenerative motor neuron disease. The disease will cause his physical condition getting worse day by day and his life will only for two years left. These do not make him stop his dream to prove about the idea of black holes. He is still on fire every single of his life. He refuses unpleasant odds about his disease and breaks new area of knowledge in the fields of medicine and science. He achieves more than he can hope to imagine in his limitation.

So this movie shows Stephen Hawking's character educational values that educate people to stay giving their best in their lives in any kinds of conditions and situations.

METHOD

In this analysis, the writer uses descriptive qualitative method. Sukmadinata, 2011 states descriptive qualitative research is intended to describe the existed phenomena that are natural or human engineering. It pays more attention to the characteristic, quality, and activity interrelationship. The procedure of the analysis has some steps. The writer collects the data and material with variety of resources such as books, journals, articles and other references. The primary resources of this
research are from the movie itself, *The Theory of Everything* directed by James Marsh. After watching the movie and collecting the data, the writer studies about the whole story about before continuing to the next step, then analyses the story is all about, including the character educational values that the writer is able to take from the movie.

**RESULT AND DISCUSSION**

**Summary of the Story**

*The Theory of Everything* movie is directed by James Mars. It tells about the story of Stephen Hawking, an astrophysics student who starts an adoring connection with a literature student, Jane Wilde. Although they are shy at first, but they both get closer day by day. Unfortunately, in one morning, Stephen falls and his head crushes hard in his university yard. Doctor checks him and he is known that he has nerve cell disease, his muscles will deteriorate and his life is only for two years more. Stephen thinks to shut Jane off from his life but Jane insists on marrying him. Stephen and Jane’s family try to persuade Jane by saying their fears about Stephen illness.

Stephen and Jane have got married then. They have three children. When Stephen graduates his PhD viva and works as a lecturer, he makes great progress about his idea, black holes but his physical condition is getting worse. He is inability to speak or walk. Jane looks after him by feeding, taking a bath and everything that Stephen needs. Jane feels tired because of that but Stephen disagrees to get external help.

Jane feels stressed and her mother considers about that. She suggests Jane join a church choir. Jane feels happy joining the choir and meets, a widower, Jonathan. Jonathan becomes her close friend and private piano teacher for her son. Jonathan is not only kind to Jane but also to her entire family and Stephen. Stephen and his mother knows that Jane and Jonathan have feeling each other. That is why Stephen’s mother ask Jane if the third child of her is Jonathan’s.

Stephen chooses to go with his friends to a concert in France. But as the music plays, he coughs blood and faints, suffering from pneumonia and put on life support. Jane, who is on a camping trip with her children and Jonathan, arrives in France and agrees to the surgery as Stephen’s life is important to her. Doctors must operate on his throat for saving Stephen’s life but the operation ends his speech power. Stephen must learn to communicate through a spelling board. Jane and Stephen's life gets harder.

Stephen hires a nurse, Elaine. He uses a spelling board for communication. A computer with a built-in voice synthesizer becomes his tool to help him give voice to his thoughts. Meanwhile, Stephen research about black holes gets global accolades but his marriage is in trouble. Stephen knows that Jane is not fully happy with this marriage. He thinks Jane starts to like Jonathan. That is normal as Stephen’s thought. Stephen talks about this to Jane. They make an agreement to get divorce. Then Jane and Jonathan get married.

Stephen decides Elaine to accompany him on a lecture tour to America. In America, Stephen addresses eager students. Someone asks him his philosophy of life and as he movingly imagines being physically able, he says life is about
hope, courage and human endeavor, to which there is no boundary.

Stephen Hawking is invited by the Queen to be honored. He asks Jane and their children to accompany him. The couple sit in a garden and smile when Stephen indicates the children and says, "Look at what we made." At the end of the movie, Jane finally finishes her PhD and Stephen is still continuing his research.

**Analysis of Character Educational values in the Story**

The character educational values analysis in *The Theory of Everything* movie directed by James Marsh belongs to six types of character educational values. There are; persistent, self-confident, communicative, optimistic, curious and hard working.

**Persistent**

Persistence has become one of the everyday character educational value that can enable people to succeed in life. It gives ways to deeper understanding that attaining long-term and higher-order goals. Persistence depends on how people deal with inevitable obstacles. In this scene, Stephen Hawking’s persistence is tested by some scientists. Some of them do not believe in his theory, black holes, for the first time. Stephen still explains his theory smartly and persistently. The persistent act of Stephen Hawking in *The Theory of Everything* movie that is shown through the following scene.

Scene 1

Source: *The Theory of Everything* Movie

Figure III.1

Stephen presented his ideas at the conferences.

Stephen: “Allowing us to predict that some particles can in fact escape a black hole. Black holes aren’t black at all, but glow with heat radiation.”

Sciema: “He’s unifying Relativity plus Quantum Mechanics and Thermodynamics. For the first time.”

John Taylor: “Thermodynamics? Last used to describe the steam engine.”

Stephen: “In other words--the steady emission of heat energy causes black holes to slowly lose mass, they evaporate, eventually disappearing in a spectacular explosion. So…”

Brian: “No-no! What he’s saying is just as a hot.

Body loses heat, right?”
“Second law of thermodynamics.”
“that a black hole”
“thanks”
“it must eventually disappear.”
First a star vanishes into a black hole, but then the black hole must itself -vanish.”
“I’m afraid--this is complete nonsense. It’s preposterous.”
“Was it something I said?”
“But then a big voice booms out - and stops taylor and co in their tracks.”
“My name--is Professor Khalatnikov, from Soviet Academy of Sciences. My field is evolution of the hot universe--the properties of microwave background radiation, and theory of the black holes. To be honest, I came here today expecting to hear a lot of nonsense. I go home disappointed. The little one here, has done it. He has done it!”

At minutes 0:49:52 – 0:52:28

Based on the Picture and the dialogue above that happen at Lecturer hall, Cambridge University in the afternoon. Stephen Hawking conveys his idea about black holes that may have been a part of the creation of universe. By sitting on his wheel chair, Hawking presents the theory in front of other scientists. The scientists deny his explanation about the theory for the first but Hawking still prove his idea by explaining it smartly and persistently.

What Stephen overcomes and what he goes on to accomplish is beyond extraordinary and completely inspiring. He refuses to give up continuing and finishing his explanation about theory black holes inspite of his health condition is the personification of persistence.

From the analysis above, the writer concluded that character educational values that shown by Stephen Hawking is persistent when he always attempts to develop and finish his explanation about the theory, black holes.

Self confident

Self confidence is one of the most important aspects in character educational values. It help people to stand alone, to feel free and to be aware of their strength as well as to face everything in their lives. A confident person knows through hard work and persistence that most situations can have good outcomes. In this scene, Stephen Hawking shows about it. The self confident act of Stephen Hawking in The Theory of Everything movie that is shown through the following scene.
Scene 2

Source: The Theory of Everything Movie
Figure III.2


Sciama : “Come in Stephen. How are you?”
Stephen : “Fine”
Sciama : “Would you like to sit down?”
Stephen : “No thank you.”
Sciama : “So- Chapters one, full of holes and lacks mathematical support.

(to kip Thorne) Professor Thorne?”
Kip throne : “Chapter two not really original” Uses a lot of roger’s ideas.
Penrose : “Well at least you run with them. Chapter three? Too many unanswered Questions.”
Sciama : “But four? A black hole at the beginning of Time.”
Kip throne : “A space time singularity?”
Sciama : “Brilliant. It's brilliant Stephen. So all that remains to be said is...well done. Or should I say, well done doctor. And extraordinary theory.”
Stephen : “Thank you”
Sciama : “So, what now?”
Stephen : “Prove it. Prove...with a single equation, that time has a beginning. Wouldn't that be nice professor? One single elegant equation to explain everything?”
Sciama : “Yes. It would. It would indeed.”

(At minutes 0:40:00 – 0:42:00)

Based on the Picture and the dialogue above, they show Stephen Hawking’s self confidence in responding examiners’ questions in his thesis defense. One of of examiners, Sciama, checks his thesis. Sciama amazes to the Hawking’s theory about black holes at the beginning of time. Stephen Hawking tells confidently that he wants to prove the theories with an elegant equation to explain everything.

From the analysis above, the writer concluded that character educational values that is shown by Stephen Hawking is self confidence, when he responds all the
In 1979 you talked about the possibility of a Theory of Everything being discovered before the end of the century. "How have you been able to deal with all the physical challenges you face?" There are some things I cannot do. But they are mostly the things I don't particularly want to do anyway.

(I gave a party for guests but no one came.) (The audience laughter) I told one of the guests that I was not 'the real Stephen Hawking.' I replied that I was not, and said the real one was — much better looking. (The audience laughter) He believe me."

"In 1979 you talked about the possibility of a Theory of Everything being discovered before the end of the century."

"I now predict -- that I was wrong."

"Is Time Travel possible?"

"I have experimental evidence that Time Travel is not possible. I gave a party for Time-Travellers but no-one came." (The audience laughter)

(At minutes 1:48:30 – 1:52:15)
Based on the Picture and the dialogue above, Stephen Hawking shows a character educational value, communicative. This is proved by his pleasure of speaking by telling "I was stopped recently by a tourist in Cambridge who asked if I was ‘the real Stephen Hawking.’ I replied that I was not, and said the real one was—much better looking” and “I have experimental evidence that time travel is not possible. I gave a party for Time-Travellers but no-one came.” The two responds of Hawking that make a friendly and communicative action with others.

From the analysis above, the writer concluded that character educational values that is shown by Stephen Hawking is comunicative.

**Optimistic**

Optimism is the faith that leads achievement. Being optimistic, people can improve the quality of life. They tend to look on the bright side of things and think positively about life and believe in any situations and conditions. The Optimistic act of Stephen Hawking in *The Theory of Everything* movie that is shown through the following scene.

**Scene 4**

![Source: The The Theory of Everything Movie](image)

Figure III.4

Stephen told his goals to Jane.

**Stephen**: “Hello”
**Jane**: “Hello”
**Stephen**: “Science”
**Jane**: “Arts, So what do you?”
**Stephen**: “Cosmologist. I’m a cosmologist.”
**Jane**: “What’s a cosmologist?”
**Stephen**: “It’s a kind of religion—for intelligent atheists. You’re not religious, are you?”
**Jane**: “C of E. Church of England.”
**Stephen**: “England. I suppose someone has to be.”
**Jane**: “So--what do cosmologists worship then?”
**Stephen**: “A single unifying equation that explains everything in the universe.”
**Jane**: “Really? So what’s the equation?”
**Stephen**: “That is the question. the amazing equation, but I will find out.”

(At minutes 0:03:27 – 0:04:10)
Based on the Picture and the dialogue above, the writer analyzes that in the evening at students’ party in Cambridge University. Brian walked off to talk another girl, while Stephen left alone, decided to approach Jane slowly. Jane had hardly touched her wine. Stephen had a beer. They looked around the room together, and then they took a dialogue. The part of the dialogue that shows Stephen’s optimism is when Jane asks about cosmologist worship, Hawking answers optimistically that a single unifying equation that explains everything in the universe. Another part is when Hawking says he would find the amazing equation optimistically.

From the plot of scene above the writer concluded that character educational value that shown of Stephen Hawking is optimist.

**Curious**

Curiousity is the attitude and action that always try to know deepper and extends from something learned, seen, and heard. Curious acts of Stephen Hawking in *The Theory of Everything* movie that are shown through the following scene.

Scene 5

![Source: The Theory of Everything Movie](image)

Stephen tries breaking equation about his theory

Stephen : “If-so If Einstein is right, if general relativity is correct, then the universe is expanding, yes”?
Jane : “Alright”
Stephen : “which means that, if you reverse time, the universe would get smaller and smaller. So what if-if I reverse the process all the way to see what happened at the beginning of Time itself? The universe, smaller and smaller, denser and denser, hotter and hotter as we approach its birth. Wind back the clock”

*Jane grabs his hands and begins to swirl him around.*

Stephen : “What are you doing”?
Jane : “Winding back the clock”!
Stephen : “Is that what you’re doing”?
Jane : “That’s what I’m doing”.
Stephen : “Well keep winding! You’ve got quite a way to go. Keep winding, Jane! Keep winding...back to the beginning of Time...Keep winding...”
Stephen : “until you get.”
Sciama : “A singularity.”
Stephen : “A space time singularity. At the beginning of time.”
Sciama : “The universe born from a black hole exploding.”
Stephen : (finally) “Keep going”.
Stephen : “Keep going? You mean go further back, Professor? Before the universe began?”
Sciama : “Keep going. Develop the mathematics.”
Stephen : “I don’t know how.”

Based on the picture and the dialogue above, Stephen Hawking shows character educational value, curiosity. Stephen Hawking has a high curiosity about black holes. It is proved when he writes a formula on the blackboard. He stops, thinks, continues, then deletes, and writes again, faster, and faster to develop his curiosity. When Stephen and Jane walk side by side in river bank, he expands on his idea by telling some possibilities and asking many questions about black holes.

From the plot of scene above the writer concluded that character educational values that are shown by Stephen Hawking is curiosity.

**Hard working**

Hardworking is an important point of character educational value. It is a behaviour that shows earnest effort in overcoming barries to learn and complete the task as well as possible. The character educational value, hardworking in *The Theory of Everything* is shown through the following scene.

**Scene 6**

Source: *The Theory of Everything* Movie

Figure III.6

Stephen wrote a book.
Based on the picture above, Stephen Hawking is a hard working person. He shows this in his daily life. It is proved in this scene when he learns and writes his book “History of time” till night. He makes a concept and record it. He is always on unyielding spirit in his unwell condition because of his disease. Most of his life is full of great activities to break his idea about Black holes.

**Result**

In this research, the writer analyzes six types of character educational values in *The Theory of Everything* movie directed by James Marsh. There are persistent, self-confident, communicative, optimistic, curious and hard working. The data are collected by the conversations in the movie’s scenes. It is between characters in the movie. From the data, there are utterances and actions that Stephen Hawking has said and done to describe six types of character educational values. In this research, the writer analyzes six types of character educational values. There are persistent, self-confident, communicative, optimistic, curious and hard working.

**Persistent** is a view that human have ability to become much better in their lives when they achieve what they want to be. The achievement has to be full of spirit and effort. It becomes complicated if people easy to give up.

The flow of this state of persistence makes Stephen knows what he wants in difficult conditions. Stephen should prepare himself to compete by his own self to show the world that he can face the difficult situation by his theory. In this category, the writer finds three character educational value of persistence from the scenes of the movie. It is proved through Stephen Hawking conversation that describes his persistence when he always attempts to develop and finish his theory about black holes which may have been a part of the creation of universe.

**Self confident** means how to be comfortable with ourselves, event though there are so many things that happened to us. It starts inside of our thinking and then it will influence our feeling. In this category, the writer finds three character educational value of self confidence from the scenes of the movie. It is proved that in the afternoon at seminar room, Trinity hall, Cambridge. Stephen faces Sciama, Roger Pen Rose and Kip Thorne. He presents his thesis in front of the three examiners. They proved of Stephen thesis. Sciama said, “Brilliant. It’s brilliant Stephen. So all that remains to be said is well done. Or should I say, well done doctor. And extraordinary theory.” Stephen sighted with relief and smiled. And he said confidently, “Prove it. Prove...with a single equation, that time has a beginning. Would not that be nice professor? One single elegant equation to explain everything?” Finally Stephen got a Doctor degree.

**Communicative** is an important item that will demonstrate kind and thoughtful to other people. It can be shown by your smile, tone voice, sentence arrangement or your body language. And we need to be communicative as social human being. In this category, the writer finds one character educational value of communicative from the scenes of the movie. Stephen proved his communicativeness when he answered a guest question in his seminar, a guest ask, “now you are recognized everywhere, how do you deal with all attention?.” Then Stephen answered that question “I was stopped recently by a tourist in Cambridge who asked if I was ‘the real Stephen Hawking.’ I replied that I was not, and said the real one was much better looking. He believe me.” After that the other guest asked to Professor Stephen hawking too, And He answered.
The ways his responds the guests’ questions show he is communicative person.

**Optimistic** could be related to feel confidence. How can you believe in what you do with consideration and knowledge. The result of optimism is successful outcome of things in the future. Feeling optimism is not only in good situation but also in bad situation. The opposite of optimism is pessimism. We have to avoid of pessimism, because of God gives us brain to think. By thinking, we can arrange success to be optimism. Optimism can develop our lives to be better. In this category, the writer finds one character educational value of optimism from the scenes of the movie. It is proved in the evening at students party in Cambridge, Stephen and his friend, Brian have beer. A few minute later Brian walk to her girl leaving Stephen alone. Stephen decide meet Jane. They looked around the room together, and then they took a dialogue. Stephen is Cosmologist. Jane asks Stephen “what is cosmologist”. Then Stephen answers Cosmologist is a religion from Stephen, and he is optimistic that he can discover a single unifying equation that explains everything in the earth and outer space.

**Curious** is a strong desire to learn and to know about something. Stephen Hawking shows this character educational value when he presents his idea about black holes. he does not stop asking and giving so many possibilities about black holes. His curiosity can be shown by his conversation with Jane, his lecturers, friends and seminar audiences. Stephen’s curiosity is proved on the scene when he tries breaking this idea of black holes by writing the ways of black holes’ possibility on the blackboard. He stops, thinks, continues, then deletes, and writes again, faster, and faster to develop his curiousity. When Stephen and Jane walk side by side in river bank, he expands on his idea by telling some possibilities and asking many questions about black holes. What Stephens shows on the scenes of *The Theory of Everything* movie are character educational values, curiosity.

**Hard working** is one of thing for succeeding. Without hardworking, we cannot get the success. It appears after we know the aim of our passion. In this category, the writer finds one character educational value of hard working from the scenes of the movie. It is proved by Stephen when he continues his writing and learning the book “History of time” till night. His condition does not make him stop to do that.

**CONCLUSION AND SUGGESTION**

**Conclusion**

Referring to the previous analysis, the writer focused on character educational values of Stephen Hawking in *The Theory of Everything* movie directed by James Marsh. The writer found six types of character educational values. There are persistent, self-confident, communicative, optimistic, curious and hard working. Persistent is shown in the scene of movie when Stephen tries breaking equation about his theory, black holes. Hawking presents his idea at the conferences, and then he tells Jane that he will write a book of history of time in unhealthy condition. Self confident is shown in the scene of movie when Stephen presents his thesis in thesis explanation, Stephen takes a dialogue with Jane, Stephen is motoring along with Sciama. Communicative is shown in the scene of movie when Stephen answers questions from guests in conferences. Optimistic is shown when Stephen says to Jane that he will found a single unifying equation that explain everything in universe.

Curious is shown in the scene of movie when he expands on his idea by telling
some possibilities and asking many questions about black holes. The last is hard
working. It is shown in the scene of movie when Stephen writes a book, the theory of
time.

Suggestion

The Theory of Everything movie is a great movie. We find so many features of
character educational values that can make us learn and start to improve our thought
and mind to be better life. This research will open the readers, teachers and the next
researchers’ minds about character educational values. So that, the writer would like
to give some suggestions to them.

Suggestion for the readers, by this research, it can improve the knowledge of the
readers about character educational value. And the readers can practice these values
to make their lives easier and better.

Suggestion for the teachers, character Educational values are essential parts in
education. As teachers, we do not teach the students about the lesson material only,
but we also need to give the example of character educational value in the real life in
order students know kinds of educational characters that make them reach their
goals. So teachers can use this research analysis to make their students understand
what character educational values are.

Suggestion for the researchers, character educational value will become an
interesting topic to analyze. I hope that the next researchers will get deeper analysis
of character educational values from this movie.

REFERENCES


