Operating System Design

-Creating Shell Interface Using Java-

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**Bonus**

I think history work well as expected. When in a particular directory using cd <directory>, an alter appears that can not find directory. This is intended case. Because we are already in the directory, so if we run same command again by history!<integer> or history!!, that alter is appears.

The other command is well operated!

**What did you learn?**

1. How far did you get in this project? What grade are you expecting? Did you find the milestones in the description helpful? Do you think you could have gotten the project working as well as you did without the milestones?

Answer) First, the milestones are very helpful to me. These are teaching me how to think step to go and which one need to using. If milestones are not here, I will spend time more than now. But it takes a long time, and even without milestones, I think I could have made it!

1. Do you feel like a better programmer now that you’ve completed this project? How does this compare to programming project that you’ve had in prior class?

Answer) In the last DataStructure class, I actually shed tears doing programming assignments. Because it was so painful. But in this project, I was able to find myself growing up because I had learned how to find official documents and get information if I didn't know how to use them. And in fact, when the code was blocked, I found myself immediately figuring out what logic was inappropriate!

1. Describe 3 problems (relating to this assignment) that arose while you were working on this project and explain how you solved them.

Answer)

1. cd case. When I have to use File object, I have to search how to use it at MDN(?), official document. This is not kindless to Korean. Reading this file and apply it to my code is very difficult.

2. at cd’s absolute path part, it is hard to implement a function to do that. I found related document as 3housrs, but I can not understand how many operate parent() until meet that path… so I did not do that.

3 When I implement history, history is added at cmdlist, but did not operated as expected. The problem is position of the code and continue command. So I add some if operator at history!! And history!<integer> where when target command is history, just operate history function and continue. Then, I works!

1. How long did you spend on this assignment? Give me specifics. For example:

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Time** | **Activities** | **Outcomes** |
| 03/26 | 2:13 ~ 5:29 | ~step 9 | Successful I think, but only act window command such as ipconfig. So I have to solve this problem after some time sleep… |
| 3/29~30 | 23:00~07:21 | Finish making code | Well operating at window environment. |
| 3/30 | 13:14~18:00 | Test code in Linux system and write report | Something is not work as expected. I mention it detail at the README file. |

1. Total hours spent. Try to be honest and do not exaggerate here.

Answer) Approximately 17housrs

**Turn in:**

1. **Please check README file and sourceCode.zip**
2. **Please check imgfiles.pdf file.**
3. **Please check above text.**