CSE 313 HOMEWORK ASSIGMENT 1

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1-)Write a command to display the current working directory? Is the result an absolute or relative path?

* “pwd” display the current working directory. Result is an absolute path.

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Açıklama otomatik olarak oluşturuldu

2-)How do we know if a path to a file name is an absolute path or a relative path?

🡪 Absolute path is defined as the specifying the location of file or directory from root but relative path is defined as the path related to the present working directly and it starts at your current directory and never starts with a “/” .

Changing the directory with relative path concept:

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Açıklama otomatik olarak oluşturuldu

Changing the directory with absolute path concept.

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Açıklama otomatik olarak oluşturuldu

3-) Write a command to change the working directory to the current user’s home directory.

🡪 ”cd” will change the working directory to the current user’s home directory.

4-) Write a command or set of commands to change the directory from the user’s home directory to the user’s “Documents” directory.

* “cd Documents” . metin içeren bir resim

  Açıklama otomatik olarak oluşturuldu

5-) Inside of the Documents directory, create a subdirectory called “AssignmentSolutions”

* “mkdir AssigmentSolutions” create subdirectory inside Documents directory.

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Açıklama otomatik olarak oluşturuldu

6-) Inside of the Documents directory, assume there is a subdirectory called “Assignments”. While the current working directory is still the Documents directory, copy all files from the Assignments directory to the AssignmentSolutions directory.

* “cp -RT Assigments AssigmentSolutions” .

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Açıklama otomatik olarak oluşturuldu

7-) Write a command to display the first 20 lines of the file called “Assignment1.txt” inside the AssignmentSolutions subdirectory.

* “head -n 20 Assigment1.txt” .

8-) Rename Assignment1.txt in the AssignmentSolutions directory to “Assignment1\_Solutions.txt”.

* “mv Assigment1.txt Assigment1\_Solutions.txt” .

9-) Type the command to change the password for the current user.

* “passwd” .

10-) If you attempt to change the password to “Student”, is your attempt successful? If not, why not?

🡪Because “Student” is shorter than 8 characters.

11-) Change to the user’s home directory and create a subdirectory in the Documents directory. Name this new directory “Courses”.

🡪 “mkdir Courses” .

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Açıklama otomatik olarak oluşturuldu

12-) Inside of this new directory, create new directories for all of the courses you are taking this semester in the format of “CSE”+{code}. Example: “CSE313” or “CSE5041” should appear. Bonus 5 points for doing this with only one command.

🡪 “mkdir “CSE”{321,213,201,377,313}” .

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Açıklama otomatik olarak oluşturuldu

13-) Move the folders “Assignments” and “AssignmentSolutions” from the “Documents” directory into the CSE313 (or 5041) subdirectory you just created.

🡪 “mv Assigments AssigmentSolutions /home/sguner/Documents/Courses/CSE313” .

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Açıklama otomatik olarak oluşturuldu

14-) Inside of the “CSE313” (or 5041) directory create a new directory called “Exams”.

🡪 “mkdir Exams” .

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Açıklama otomatik olarak oluşturuldu

15-) Using one command take the last 10 lines from Assignment1.txt and make them into a new file called “MidtermExam.txt” inside of the new Exams directory.

🡪 “tail -n Assigment1.txt > /home/sguner/Documents/Courses/CSE313/Exams/MidtermExam.txt” .

16-) Using one command, append the entire text of the file “Assignment2.txt” that is inside the Assignments directory to the file MidtermExam.txt.

🡪 “ cat /home/sguner/Documents/Courses/CSE313/Assigments/Assigment2.txt >> MidtermExam.txt “

17-) Write a command to display the contents of MidtermExam.txt and also copy the contents to a new file called “MidtermExam\_Solutions.txt”.

* “ cat /home/sguner/Documents/Courses/CSE313/Exams/MidtermExam.txt “
* “ cp -RT MidtermExam.txt MidtermExam\_Solutions.txt “

18-) Remove the file “Assignment5.txt” from the Assignments directory.

* “rm Assigment5.txt” .

19-) Remove the subdirectory “OnlineOgretim” from the directory “Courses”. (Note: this subdirectory is empty)

* “rmdir OnlineOgretim” .

20-) There is a subdirectory called “Viruses” in the “Documents” directory. Remove the subdirectory “COVID19” from the directory “Viruses”. (Note: this subdirectory is not empty)

* “ rm COVID19/\* ”
* “ rmdir COVID19 “

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Açıklama otomatik olarak oluşturuldu