

CSE 2010 SECURE CODING
LAB SLOT –L23+L24
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LAB EXPERIMENT 1

QUESTION:

Exercise

- All the execution needs to be in cmd. No GUI.
- Note: Execution should be from any relative path
- Create 10 files (txt, docx or any) and sub folders using your roll number followed by SS and numbering.
- Try to delete all the files in 1 folder (last child)
- Try to delete all the files which are in docx type in 2nd folder (second folder from root)
- Try to delete all the files which are in docx type starting with SS in 3rd folder
- Try to delete all the files starting from SS11 to SS20 in the root folder

OPENING DIRECTORY AND CREATING ROOT FOLDER WITH 3 NESTED CHILD FOLDERS

```
cmd Command Prompt
Microsoft Windows [Version 10.0.19042.804]
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C:\Users\HP>dir
Volume in drive C is Windows
Volume Serial Number is C823-5BE5

Directory of C:\Users\HP

13-02-2021  12:31    <DIR>          .
13-02-2021  12:31    <DIR>          ..
21-06-2020  16:21    <DIR>          .android
21-06-2020  13:39    <DIR>          .AndroidStudio4.0
13-08-2020  12:47    <DIR>          3D Objects
13-08-2020  12:47    <DIR>          Contacts
13-02-2021  12:30    <DIR>          desktop
04-12-2020  09:09    <DIR>          Documents
13-02-2021  16:46    <DIR>          Downloads
24-11-2020  17:56    <DIR>          Favorites
13-08-2020  12:47    <DIR>          Links
26-09-2020  21:56    <DIR>          Music
24-11-2020  17:56    <DIR>          NCH Software Suite
14-02-2021  09:49    <DIR>          OneDrive
27-09-2019  19:39    <DIR>          Roaming
13-02-2021  13:21    <DIR>          root
13-08-2020  12:47    <DIR>          Saved Games
13-08-2020  12:47    <DIR>          Searches
13-08-2020  12:47    <DIR>          Videos
               0 File(s)              0 bytes
               19 Dir(s) 180,570,333,184 bytes free

C:\Users\HP>cd desktop

C:\Users\HP\desktop>Mkdir root\sub1\sub2\sub3

C:\Users\HP\desktop>cd root

C:\Users\HP\desktop\root>for %A in (1 2 3 4 5) do echo.>"19BCN7222SS%A.txt"

C:\Users\HP\desktop\root>echo.1>"19BCN7222SS1.txt"

C:\Users\HP\desktop\root>echo.1>"19BCN7222SS2.txt"

C:\Users\HP\desktop\root>echo.1>"19BCN7222SS3.txt"

C:\Users\HP\desktop\root>echo.1>"19BCN7222SS4.txt"

C:\Users\HP\desktop\root>echo.1>"19BCN7222SS5.txt"

C:\Users\HP\desktop\root>for %B in (6 7 8 9 10) do echo.>"19BCN7222SS%B.docx"
```

```
C:\Users\HP\desktop>Mkdir root\sub1\sub2\sub3

C:\Users\HP\desktop>cd root
```

ADDING FILES TO ROOT FOLDER OF .txt and .docx FORMAT

```
C:\Users\HP\desktop>cd root  
C:\Users\HP\desktop\root>for %A in (1 2 3 4 5) do echo.>"19BCN7222SS%A.txt"  
C:\Users\HP\desktop\root>echo.1>"19BCN7222SS1.txt"  
C:\Users\HP\desktop\root>echo.1>"19BCN7222SS2.txt"  
C:\Users\HP\desktop\root>echo.1>"19BCN7222SS3.txt"  
C:\Users\HP\desktop\root>echo.1>"19BCN7222SS4.txt"  
C:\Users\HP\desktop\root>echo.1>"19BCN7222SS5.txt"
```

 Command Prompt

```
C:\Users\HP\desktop\root>echo.1>"19BCN7222SS6.docx"  
C:\Users\HP\desktop\root>echo.1>"19BCN7222SS7.docx"  
C:\Users\HP\desktop\root>echo.1>"19BCN7222SS8.docx"  
C:\Users\HP\desktop\root>echo.1>"19BCN7222SS9.docx"  
C:\Users\HP\desktop\root>echo.1>"19BCN7222SS10.docx"
```

ADDING FILES TO CHILD FOLDER "SUB1" OF ROOT FOLDER AND ALSO ADDING FILES STARTING WITH "SS"

```
C:\Users\HP\desktop\root>cd sub1
C:\Users\HP\desktop\root\sub1>for %A in (11 12 13 14 15) do echo.>"19BCN7222SS%A.txt"
C:\Users\HP\desktop\root\sub1>echo.1>"19BCN7222SS11.txt"
C:\Users\HP\desktop\root\sub1>echo.1>"19BCN7222SS12.txt"
C:\Users\HP\desktop\root\sub1>echo.1>"19BCN7222SS13.txt"
C:\Users\HP\desktop\root\sub1>echo.1>"19BCN7222SS14.txt"
C:\Users\HP\desktop\root\sub1>echo.1>"19BCN7222SS15.txt"
C:\Users\HP\desktop\root\sub1>for %A in (16 17 18 19 20) do echo.>"19BCN7222SS%A.txt"
C:\Users\HP\desktop\root\sub1>echo.1>"19BCN7222SS16.txt"
C:\Users\HP\desktop\root\sub1>echo.1>"19BCN7222SS17.txt"
C:\Users\HP\desktop\root\sub1>echo.1>"19BCN7222SS18.txt"
C:\Users\HP\desktop\root\sub1>echo.1>"19BCN7222SS19.txt"
C:\Users\HP\desktop\root\sub1>echo.1>"19BCN7222SS20.txt"
C:\Users\HP\desktop\root\sub1>for %A in (11 12 13 14 15) do echo.>"SS%A.txt"
C:\Users\HP\desktop\root\sub1>echo.1>"SS11.txt"
C:\Users\HP\desktop\root\sub1>echo.1>"SS12.txt"
C:\Users\HP\desktop\root\sub1>echo.1>"SS13.txt"
C:\Users\HP\desktop\root\sub1>echo.1>"SS14.txt"
C:\Users\HP\desktop\root\sub1>echo.1>"SS15.txt"
C:\Users\HP\desktop\root\sub1>for %A in (16 17 18 19 20) do echo.>"SS%A.docx"
```

Command Prompt

```
C:\Users\HP\desktop\root\sub1>echo.1>"SS16.docx"
C:\Users\HP\desktop\root\sub1>echo.1>"SS17.docx"
C:\Users\HP\desktop\root\sub1>echo.1>"SS18.docx"
C:\Users\HP\desktop\root\sub1>echo.1>"SS19.docx"
C:\Users\HP\desktop\root\sub1>echo.1>"SS20.docx"
```

ADDING FILES TO CHILD FOLDER OF SUB1 WHICH IS "SUB2" OF BOTH TXT AND DOCX FORMAT

```
C:\Users\HP\desktop\root\sub1>cd sub2
C:\Users\HP\desktop\root\sub1\sub2>for %A in (21 22 23 24 25) do echo.>"19BCN7222SS%A.txt"
C:\Users\HP\desktop\root\sub1\sub2>echo.1>"19BCN7222SS21.txt"
C:\Users\HP\desktop\root\sub1\sub2>echo.1>"19BCN7222SS22.txt"
C:\Users\HP\desktop\root\sub1\sub2>echo.1>"19BCN7222SS23.txt"
C:\Users\HP\desktop\root\sub1\sub2>echo.1>"19BCN7222SS24.txt"
C:\Users\HP\desktop\root\sub1\sub2>echo.1>"19BCN7222SS25.txt"
C:\Users\HP\desktop\root\sub1\sub2>for %A in (26 27 28 29 30) do echo.>"19BCN7222SS%A.docx"
C:\Users\HP\desktop\root\sub1\sub2>echo.1>"19BCN7222SS26.docx"
C:\Users\HP\desktop\root\sub1\sub2>echo.1>"19BCN7222SS27.docx"
C:\Users\HP\desktop\root\sub1\sub2>echo.1>"19BCN7222SS28.docx"
C:\Users\HP\desktop\root\sub1\sub2>echo.1>"19BCN7222SS29.docx"
C:\Users\HP\desktop\root\sub1\sub2>echo.1>"19BCN7222SS30.docx"
```

ADDING FILES TO CHILD FOLDER OF SUB2 WHICH IS "SUB3" WHICH HAS BOTH TXT AND DOCX FORMAT FILES

```
C:\Users\HP\desktop\root\sub1\sub2>cd sub3
C:\Users\HP\desktop\root\sub1\sub2\sub3>for %A in (31 32 33 34 35) do echo.>"19BCN7222SS%A.txt"
C:\Users\HP\desktop\root\sub1\sub2\sub3>echo.1>"19BCN7222SS31.txt"
C:\Users\HP\desktop\root\sub1\sub2\sub3>echo.1>"19BCN7222SS32.txt"
C:\Users\HP\desktop\root\sub1\sub2\sub3>echo.1>"19BCN7222SS33.txt"
C:\Users\HP\desktop\root\sub1\sub2\sub3>echo.1>"19BCN7222SS34.txt"
C:\Users\HP\desktop\root\sub1\sub2\sub3>echo.1>"19BCN7222SS35.txt"
```

Command Prompt

```
C:\Users\HP\desktop\root\sub1\sub2\sub3>for %A in (36 37 38 39 40) do echo.>"19BCN722255%A.docx"
C:\Users\HP\desktop\root\sub1\sub2\sub3>echo.1>"19BCN72225536.docx"
C:\Users\HP\desktop\root\sub1\sub2\sub3>echo.1>"19BCN72225537.docx"
C:\Users\HP\desktop\root\sub1\sub2\sub3>echo.1>"19BCN72225538.docx"
C:\Users\HP\desktop\root\sub1\sub2\sub3>echo.1>"19BCN72225539.docx"
C:\Users\HP\desktop\root\sub1\sub2\sub3>echo.1>"19BCN72225540.docx"
```

DELETING ALL FILES OF LAST CHILD FOLDER "SUB3" AND DIRECTING TO PARENT DIRECTORY OF SUB3 WHICH IS SUB2

```
C:\Users\Lenovo\Desktop\root\sub1\sub2\sub3>del f/q/s *.* > NUL
C:\Users\Lenovo\Desktop\root\sub1\sub2\sub3>cd..
```

DELETING ALL FILES OF DOCX FORMAT IN SUB2 AND DIRECTING TO PARENT FOLDER SUB1

```
C:\Users\HP\desktop\root\sub1\sub2\sub3>cd ..
C:\Users\HP\desktop\root\sub1\sub2>del /S/Q/F C:\Users\HP\desktop\root\sub1\sub2\*.docx
deleted file - C:\Users\HP\desktop\root\sub1\sub2\19BCN72225526.docx
deleted file - C:\Users\HP\desktop\root\sub1\sub2\19BCN72225527.docx
deleted file - C:\Users\HP\desktop\root\sub1\sub2\19BCN72225528.docx
deleted file - C:\Users\HP\desktop\root\sub1\sub2\19BCN72225529.docx
deleted file - C:\Users\HP\desktop\root\sub1\sub2\19BCN72225530.docx
```

DELETING ALL FILES HAVING "SS" AS ITS STARTING NAME IN SUB1 FOLDER AND DIRECTING LATER TO ROOT FOLDER

```
C:\Users\Lenovo\Desktop\root\sub1\sub2>cd..

C:\Users\Lenovo\Desktop\root\sub1>del /S /Q /F C:\Users\Lenovo\Desktop\root\sub1\*SS*.docx
Deleted file - C:\Users\Lenovo\Desktop\root\sub1\SS16.docx
Deleted file - C:\Users\Lenovo\Desktop\root\sub1\SS17.docx
Deleted file - C:\Users\Lenovo\Desktop\root\sub1\SS18.docx
Deleted file - C:\Users\Lenovo\Desktop\root\sub1\SS19.docx
Deleted file - C:\Users\Lenovo\Desktop\root\sub1\SS20.docx

C:\Users\Lenovo\Desktop\root\sub1>cd..
```

ADDING FILES SS11 TO SS20 TO ROOT FOLDER

```
C:\Users\Lenovo\Desktop\root>for %A in (11 12 13 14 15 ) do echo.>"SS%A.docx"

C:\Users\Lenovo\Desktop\root>echo.1>"SS11.docx"

C:\Users\Lenovo\Desktop\root>echo.1>"SS12.docx"

C:\Users\Lenovo\Desktop\root>echo.1>"SS13.docx"

C:\Users\Lenovo\Desktop\root>echo.1>"SS14.docx"

C:\Users\Lenovo\Desktop\root>echo.1>"SS15.docx"

C:\Users\Lenovo\Desktop\root>for %A in (16 17 18 19 20) do echo.>"SS%A.txt"

C:\Users\Lenovo\Desktop\root>echo.1>"SS16.txt"

C:\Users\Lenovo\Desktop\root>echo.1>"SS17.txt"

C:\Users\Lenovo\Desktop\root>echo.1>"SS18.txt"

C:\Users\Lenovo\Desktop\root>echo.1>"SS19.txt"

C:\Users\Lenovo\Desktop\root>echo.1>"SS20.txt"
```


DELETING ALL FILES STARTING FROM SS11 TO SS20 IN ROOT FOLDER

cmd Command Prompt

```
C:\Users\Lenovo\Desktop\root>for %A in (11 12 13 14 15 16 17 18 19 20) do del "*SS%A*"
C:\Users\Lenovo\Desktop\root>del "*SS11*"
C:\Users\Lenovo\Desktop\root>del "*SS12*"
C:\Users\Lenovo\Desktop\root>del "*SS13*"
C:\Users\Lenovo\Desktop\root>del "*SS14*"
C:\Users\Lenovo\Desktop\root>del "*SS15*"
C:\Users\Lenovo\Desktop\root>del "*SS16*"
C:\Users\Lenovo\Desktop\root>del "*SS17*"
C:\Users\Lenovo\Desktop\root>del "*SS18*"
C:\Users\Lenovo\Desktop\root>del "*SS19*"
C:\Users\Lenovo\Desktop\root>del "*SS20*"
C:\Users\Lenovo\Desktop\root>
```