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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	12:14	<DIR>	.
13-02-2021	12:14	<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	10:39	<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
13-02-2021	08:58	<DIR>	OneDrive
27-09-2019	19:39	<DIR>	Roaming
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
		18 Dir(s)	180,666,814,464 bytes free

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

C:\Users\HP>cd root

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

C:\Users\HP>cd root

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

```
C:\Users\HP\root>for %A in (1 2 3 4 5) do echo.>"19BCN7227SS%A.txt"

C:\Users\HP\root>echo.1>"19BCN7227SS1.txt"

C:\Users\HP\root>echo.1>"19BCN7227SS2.txt"

C:\Users\HP\root>echo.1>"19BCN7227SS3.txt"

C:\Users\HP\root>echo.1>"19BCN7227SS4.txt"

C:\Users\HP\root>echo.1>"19BCN7227SS5.txt"

C:\Users\HP\root>for %B in (6 7 8 9 10) do echo.>"19BCN7227SS%B.docx"

C:\Users\HP\root>echo.1>"19BCN7227SS6.docx"

C:\Users\HP\root>echo.1>"19BCN7227SS7.docx"

C:\Users\HP\root>echo.1>"19BCN7227SS8.docx"

C:\Users\HP\root>echo.1>"19BCN7227SS9.docx"

C:\Users\HP\root>echo.1>"19BCN7227SS10.docx"
```

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

```
C:\Users\HP\root>cd sub1

C:\Users\HP\root\sub1>for %A in (11 12 13 14 15) do echo.>"19BCN7227SS%A.txt"

C:\Users\HP\root\sub1>echo.1>"19BCN7227SS11.txt"

C:\Users\HP\root\sub1>echo.1>"19BCN7227SS12.txt"

C:\Users\HP\root\sub1>echo.1>"19BCN7227SS13.txt"

C:\Users\HP\root\sub1>echo.1>"19BCN7227SS14.txt"

C:\Users\HP\root\sub1>echo.1>"19BCN7227SS15.txt"

C:\Users\HP\root\sub1>for %A in (16 17 18 19 20) do echo.>"19BCN7227SS%A.txt"

C:\Users\HP\root\sub1>echo.1>"19BCN7227SS16.txt"

C:\Users\HP\root\sub1>echo.1>"19BCN7227SS17.txt"

C:\Users\HP\root\sub1>echo.1>"19BCN7227SS18.txt"

C:\Users\HP\root\sub1>echo.1>"19BCN7227SS19.txt"

C:\Users\HP\root\sub1>echo.1>"19BCN7227SS20.txt"

C:\Users\HP\root\sub1>for %A in (11 12 13 14 15) do echo.>"SS%A.txt"

C:\Users\HP\root\sub1>echo.1>"SS11.txt"

C:\Users\HP\root\sub1>echo.1>"SS12.txt"

C:\Users\HP\root\sub1>echo.1>"SS13.txt"

C:\Users\HP\root\sub1>echo.1>"SS14.txt"

C:\Users\HP\root\sub1>echo.1>"SS15.txt"

C:\Users\HP\root\sub1>for %A in (16 17 18 19 20) do echo.>"19BCN7227SS%A.docx"

C:\Users\HP\root\sub1>echo.1>"19BCN7227SS16.docx"

C:\Users\HP\root\sub1>echo.1>"19BCN7227SS17.docx"

C:\Users\HP\root\sub1>echo.1>"19BCN7227SS18.docx"

C:\Users\HP\root\sub1>echo.1>"19BCN7227SS19.docx"

C:\Users\HP\root\sub1>echo.1>"19BCN7227SS20.docx"
```

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

```
C:\Users\HP\root\sub1>cd sub2

C:\Users\HP\root\sub1\sub2>for %A in (21 22 23 24 25) do echo.>"19BCN7227SS%A.txt"

C:\Users\HP\root\sub1\sub2>echo.1>"19BCN7227SS21.txt"

C:\Users\HP\root\sub1\sub2>echo.1>"19BCN7227SS22.txt"

C:\Users\HP\root\sub1\sub2>echo.1>"19BCN7227SS23.txt"

C:\Users\HP\root\sub1\sub2>echo.1>"19BCN7227SS24.txt"

C:\Users\HP\root\sub1\sub2>echo.1>"19BCN7227SS25.txt"

C:\Users\HP\root\sub1\sub2>for %A in (26 27 28 29 30) do echo.>"19BCN7227SS%A.docx"

C:\Users\HP\root\sub1\sub2>echo.1>"19BCN7227SS26.docx"

C:\Users\HP\root\sub1\sub2>echo.1>"19BCN7227SS27.docx"

C:\Users\HP\root\sub1\sub2>echo.1>"19BCN7227SS28.docx"

C:\Users\HP\root\sub1\sub2>echo.1>"19BCN7227SS29.docx"

C:\Users\HP\root\sub1\sub2>echo.1>"19BCN7227SS30.docx"
```

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

```
C:\Users\HP\root\sub1\sub2>cd sub3
C:\Users\HP\root\sub1\sub2\sub3>for %A in (31 32 33 34 35) do echo.>"19BCN7227SS%A.txt"
C:\Users\HP\root\sub1\sub2\sub3>echo.1>"19BCN7227SS31.txt"
C:\Users\HP\root\sub1\sub2\sub3>echo.1>"19BCN7227SS32.txt"
C:\Users\HP\root\sub1\sub2\sub3>echo.1>"19BCN7227SS33.txt"
C:\Users\HP\root\sub1\sub2\sub3>echo.1>"19BCN7227SS34.txt"
C:\Users\HP\root\sub1\sub2\sub3>echo.1>"19BCN7227SS35.txt"
C:\Users\HP\root\sub1\sub2\sub3>for %A in (36 37 38 39 40) do echo.>"19BCN7227SS%A.docx"
C:\Users\HP\root\sub1\sub2\sub3>echo.1>"19BCN7227SS36.docx"
C:\Users\HP\root\sub1\sub2\sub3>echo.1>"19BCN7227SS37.docx"
C:\Users\HP\root\sub1\sub2\sub3>echo.1>"19BCN7227SS38.docx"
C:\Users\HP\root\sub1\sub2\sub3>echo.1>"19BCN7227SS39.docx"
C:\Users\HP\root\sub1\sub2\sub3>echo.1>"19BCN7227SS40.docx"
```

S

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

 Command Prompt

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

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

```
C:\Users\HP\root\sub1\sub2>del /S /Q /F C:\HP\desktop\root\sub1\sub2\*.docx
The system cannot find the path specified.
```

```
C:\Users\HP\root\sub1\sub2>del /S/Q/F C:\Users\HP\root\sub1\sub2\*.docx
Deleted file - C:\Users\HP\root\sub1\sub2\19BCN7227SS26.docx
Deleted file - C:\Users\HP\root\sub1\sub2\19BCN7227SS27.docx
Deleted file - C:\Users\HP\root\sub1\sub2\19BCN7227SS28.docx
Deleted file - C:\Users\HP\root\sub1\sub2\19BCN7227SS29.docx
Deleted file - C:\Users\HP\root\sub1\sub2\19BCN7227SS30.docx
```

```
C:\Users\HP\root\sub1\sub2>cd ..
```

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

 Command Prompt

```
C:\Users\HP\root\sub1\sub2>cd ..
```

```
C:\Users\HP\root\sub1>del /S/Q/F C:\Users\HP\root\sub1\*SS*.docx
Deleted file - C:\Users\HP\root\sub1\19BCN7227SS16.docx
Deleted file - C:\Users\HP\root\sub1\19BCN7227SS17.docx
Deleted file - C:\Users\HP\root\sub1\19BCN7227SS18.docx
Deleted file - C:\Users\HP\root\sub1\19BCN7227SS19.docx
Deleted file - C:\Users\HP\root\sub1\19BCN7227SS20.docx
```

```
C:\Users\HP\root\sub1>del /S/Q/F C:\Users\HP\root\sub1\*SS*.docx
Could Not Find C:\Users\HP\root\sub1\*SS*.docx
```

```
C:\Users\HP\root\sub1>cd ..
```


ADDING FILES SS11 TO SS20 TO ROOT FOLDER

Command Prompt

```
C:\Users\HP\root>for %A in (11 12 13 14 15) do echo.>"SS%A.docx"
C:\Users\HP\root>echo.1>"SS11.docx"
C:\Users\HP\root>echo.1>"SS12.docx"
C:\Users\HP\root>echo.1>"SS13.docx"
C:\Users\HP\root>echo.1>"SS14.docx"
C:\Users\HP\root>echo.1>"SS15.docx"
C:\Users\HP\root>for %A in (16 17 18 19 20) do echo.>"SS%A.txt"
C:\Users\HP\root>echo.1>"SS16.txt"
C:\Users\HP\root>echo.1>"SS17.txt"
C:\Users\HP\root>echo.1>"SS18.txt"
C:\Users\HP\root>echo.1>"SS19.txt"
C:\Users\HP\root>echo.1>"SS20.txt"
C:\Users\HP\root>for %A in (11 12 13 14 15) do echo.>"SS%A.docx"
C:\Users\HP\root>echo.1>"SS11.docx"
C:\Users\HP\root>echo.1>"SS12.docx"
C:\Users\HP\root>echo.1>"SS13.docx"
C:\Users\HP\root>echo.1>"SS14.docx"
C:\Users\HP\root>echo.1>"SS15.docx"
C:\Users\HP\root>for %A in (16 17 18 19 20) do echo.>"SS%A.txt"
C:\Users\HP\root>echo.1>"SS16.txt"
C:\Users\HP\root>echo.1>"SS17.txt"
C:\Users\HP\root>echo.1>"SS18.txt"
C:\Users\HP\root>echo.1>"SS19.txt"
C:\Users\HP\root>echo.1>"SS20.txt"
```

DELETING ALL FILES STARTING FROM SS11 TO SS20 IN ROOT FOLDER

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