

**CSE 2010 SECURE CODING**  
**LAB SLOT –L23+L24**  
**NAME-C.NAVEEN**  
**REGISTRATION NUMBER-19BCE7028**  
**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 2<sup>nd</sup> folder (second folder from root)
- Try to delete all the files which are in docx type starting with SS in 3<sup>rd</sup> folder
- Try to delete all the files starting from SS11 to SS20 in the root folder

## OPENING DIRECTORY FOLDER WITH 3 FOLDERS

```
Command Prompt
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\nithi>dir
Volume in drive C is OS
Volume Serial Number is 92F7-DAAD

Directory of C:\Users\nithi

13-02-2021  12:12    <DIR>          .
13-02-2021  12:12    <DIR>          ..
23-11-2020  21:35    <DIR>          .android
12-02-2021  17:30    <DIR>          3D Objects
04-12-2020  16:44    <DIR>          Apple
12-02-2021  17:30    <DIR>          Contacts
13-02-2021  12:32    <DIR>          desktop
18-09-2020  22:00    <DIR>          Documents
13-02-2021  09:58    <DIR>          Downloads
12-02-2021  17:30    <DIR>          Favorites
12-02-2021  17:30    <DIR>          Links
12-02-2021  17:30    <DIR>          Music
13-02-2021  11:57    <DIR>          OneDrive
12-02-2021  17:30    <DIR>          Saved Games
12-02-2021  17:30    <DIR>          Searches
12-02-2021  17:30    <DIR>          Videos
               0 File(s)              0 bytes
               16 Dir(s)  379,189,043,200 bytes free

C:\Users\nithi>cd desktop

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

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

## AND CREATING ROOT NESTED CHILD

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

```
Command Prompt

C:\Users\nithi\desktop\root>for %A in (1 2 3 4 5) do echo.>"19BCE7028SS%A.txt"
C:\Users\nithi\desktop\root>echo.1>"19BCE7028SS1.txt"
C:\Users\nithi\desktop\root>echo.1>"19BCE7028SS2.txt"
C:\Users\nithi\desktop\root>echo.1>"19BCE7028SS3.txt"
C:\Users\nithi\desktop\root>echo.1>"19BCE7028SS4.txt"
C:\Users\nithi\desktop\root>echo.1>"19BCE7028SS5.txt"
C:\Users\nithi\desktop\root>for %B in (6 7 8 9 10) do echo.>"19BCE7028SS%B.docx"
C:\Users\nithi\desktop\root>echo.1>"19BCE7028SS6.docx"
C:\Users\nithi\desktop\root>echo.1>"19BCE7028SS7.docx"
C:\Users\nithi\desktop\root>echo.1>"19BCE7028SS8.docx"
C:\Users\nithi\desktop\root>echo.1>"19BCE7028SS9.docx"
C:\Users\nithi\desktop\root>echo.1>"19BCE7028SS10.docx"
```

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

```
C:\Users\nithi\desktop\root>cd sub1
C:\Users\nithi\desktop\root\sub1>for %A in (11 12 13 14 15) do echo.>"19BCE7028SS%A.txt"
C:\Users\nithi\desktop\root\sub1>echo.1>"19BCE7028SS11.txt"
C:\Users\nithi\desktop\root\sub1>echo.1>"19BCE7028SS12.txt"
C:\Users\nithi\desktop\root\sub1>echo.1>"19BCE7028SS13.txt"
C:\Users\nithi\desktop\root\sub1>echo.1>"19BCE7028SS14.txt"
C:\Users\nithi\desktop\root\sub1>echo.1>"19BCE7028SS15.txt"
```

```
C:\Users\nithi\desktop\root\sub1>for %A in (16 17 18 19 20) do echo.>"19BCE7028SS%A.txt"
C:\Users\nithi\desktop\root\sub1>echo.1>"19BCE7028SS16.txt"
C:\Users\nithi\desktop\root\sub1>echo.1>"19BCE7028SS17.txt"
C:\Users\nithi\desktop\root\sub1>echo.1>"19BCE7028SS18.txt"
C:\Users\nithi\desktop\root\sub1>echo.1>"19BCE7028SS19.txt"
C:\Users\nithi\desktop\root\sub1>echo.1>"19BCE7028SS20.txt"

C:\Users\nithi\desktop\root\sub1>for %A in (16 17 18 19 20) do echo.>"SS%A.docx"
C:\Users\nithi\desktop\root\sub1>echo.1>"SS16.docx"
C:\Users\nithi\desktop\root\sub1>echo.1>"SS17.docx"
C:\Users\nithi\desktop\root\sub1>echo.1>"SS18.docx"
C:\Users\nithi\desktop\root\sub1>echo.1>"SS19.docx"
C:\Users\nithi\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\nithi\desktop\root\sub1>cd sub2
C:\Users\nithi\desktop\root\sub1\sub2>for %A in (21 22 23 24 25) do echo.>"19Bce702855%A.txt"
C:\Users\nithi\desktop\root\sub1\sub2>echo.1>"19Bce70285521.txt"
C:\Users\nithi\desktop\root\sub1\sub2>echo.1>"19Bce70285522.txt"
C:\Users\nithi\desktop\root\sub1\sub2>echo.1>"19Bce70285523.txt"
C:\Users\nithi\desktop\root\sub1\sub2>echo.1>"19Bce70285524.txt"
C:\Users\nithi\desktop\root\sub1\sub2>echo.1>"19Bce70285525.txt"
C:\Users\nithi\desktop\root\sub1\sub2>for %A in (26 27 28 29 30) do echo.>"19Bce702855%A.docx"
C:\Users\nithi\desktop\root\sub1\sub2>echo.1>"19Bce70285526.docx"
C:\Users\nithi\desktop\root\sub1\sub2>echo.1>"19Bce70285527.docx"
C:\Users\nithi\desktop\root\sub1\sub2>echo.1>"19Bce70285528.docx"
C:\Users\nithi\desktop\root\sub1\sub2>echo.1>"19Bce70285529.docx"
C:\Users\nithi\desktop\root\sub1\sub2>echo.1>"19Bce70285530.docx"
```

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

```
C:\Users\nithi\desktop\root\sub1\sub2>cd sub3
C:\Users\nithi\desktop\root\sub1\sub2\sub3>for %A in (31 32 33 34 35) do echo.>"19Bce702855%A.txt"
C:\Users\nithi\desktop\root\sub1\sub2\sub3>echo.1>"19Bce70285531.txt"
C:\Users\nithi\desktop\root\sub1\sub2\sub3>echo.1>"19Bce70285532.txt"
C:\Users\nithi\desktop\root\sub1\sub2\sub3>echo.1>"19Bce70285533.txt"
C:\Users\nithi\desktop\root\sub1\sub2\sub3>echo.1>"19Bce70285534.txt"
C:\Users\nithi\desktop\root\sub1\sub2\sub3>echo.1>"19Bce70285535.txt"
C:\Users\nithi\desktop\root\sub1\sub2\sub3>for %A in (36 37 38 39 40) do echo.>"19Bce702855%A.docx"
C:\Users\nithi\desktop\root\sub1\sub2\sub3>echo.1>"19Bce70285536.docx"
C:\Users\nithi\desktop\root\sub1\sub2\sub3>echo.1>"19Bce70285537.docx"
C:\Users\nithi\desktop\root\sub1\sub2\sub3>echo.1>"19Bce70285538.docx"
C:\Users\nithi\desktop\root\sub1\sub2\sub3>echo.1>"19Bce70285539.docx"
C:\Users\nithi\desktop\root\sub1\sub2\sub3>echo.1>"19Bce70285540.docx"
```

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

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

```
C:\Users\nithi\desktop\root\sub1\sub2\sub3>cd ..
```

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

```
C:\Users\nithi\desktop\root\sub1\sub2>del /S /Q /F C:\Users\nithi\desktop\root\sub1\sub2\*.docx
Deleted file - C:\Users\nithi\desktop\root\sub1\sub2\19Bce7028SS26.docx
Deleted file - C:\Users\nithi\desktop\root\sub1\sub2\19Bce7028SS27.docx
Deleted file - C:\Users\nithi\desktop\root\sub1\sub2\19Bce7028SS28.docx
Deleted file - C:\Users\nithi\desktop\root\sub1\sub2\19Bce7028SS29.docx
Deleted file - C:\Users\nithi\desktop\root\sub1\sub2\19Bce7028SS30.docx
C:\Users\nithi\desktop\root\sub1\sub2>cd ..
```

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

```
C:\Users\nithi\desktop\root\sub1\sub2>cd ..
C:\Users\nithi\desktop\root\sub1>del /S /Q /F C:\Users\nithi\desktop\root\sub1\*ss*.docx
Deleted file - C:\Users\nithi\desktop\root\sub1\SS16.docx
Deleted file - C:\Users\nithi\desktop\root\sub1\SS17.docx
Deleted file - C:\Users\nithi\desktop\root\sub1\SS18.docx
Deleted file - C:\Users\nithi\desktop\root\sub1\SS19.docx
Deleted file - C:\Users\nithi\desktop\root\sub1\SS20.docx
C:\Users\nithi\desktop\root\sub1>cd ..
```

```
C:\Users\nithi\desktop\root>for %A in (11 12 13 14 15) do echo.>"SS%A.docx"
C:\Users\nithi\desktop\root>echo.1>"SS11.docx"
C:\Users\nithi\desktop\root>echo.1>"SS12.docx"
C:\Users\nithi\desktop\root>echo.1>"SS13.docx"
C:\Users\nithi\desktop\root>echo.1>"SS14.docx"
C:\Users\nithi\desktop\root>echo.1>"SS15.docx"
```

## **ADDING FILES SS11 TO SS20 TO ROOT FOLDER**

```
C:\Users\nithi\desktop\root>for %A in (16 17 18 19 20) do echo.>"SS%A.txt"
C:\Users\nithi\desktop\root>echo.1>"SS16.txt"
C:\Users\nithi\desktop\root>echo.1>"SS17.txt"
C:\Users\nithi\desktop\root>echo.1>"SS18.txt"
C:\Users\nithi\desktop\root>echo.1>"SS19.txt"
C:\Users\nithi\desktop\root>echo.1>"SS20.txt"
```

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

## **DELETING ALL FILES STARTING FROM SS11 TO SS20 IN ROOT FOLDER**