SECURE CODING LAB 1

MEGHANA CILAGANI

19BCN7157

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

Creating folders,txt files,docx files.

Name	Date modified	Type	Size
subroot1	13-02-2021 12:00	File folder	
19BCN7157SS1	06-02-2021 12:16	Text Document	1 KB
19BCN7157SS2	06-02-2021 12:16	Text Document	1 KB
19BCN7157SS3	06-02-2021 12:16	Text Document	1 KB
19BCN7157SS4	06-02-2021 12:16	Text Document	1 KB
19BCN7157SS5	06-02-2021 12:16	Text Document	1 KB

Name	Date modified	Type	Size
subroot2	13-02-2021 11:49	File folder	
19BCN7157SS6	06-02-2021 12:19	Microsoft Word D...	1 KB
19BCN7157SS6	06-02-2021 12:19	Text Document	1 KB
19BCN7157SS7	06-02-2021 12:19	Microsoft Word D...	1 KB
19BCN7157SS7	06-02-2021 12:19	Text Document	1 KB

subroot3	13-02-2021 11:45	File folder	
19BCN7157SS11	06-02-2021 12:21	Text Document	1 KB
19BCN7157SS12	06-02-2021 12:21	Text Document	1 KB
19BCN7157SS13	06-02-2021 12:21	Text Document	1 KB
19BCN7157SS14	06-02-2021 12:21	Text Document	1 KB
19BCN7157SS15	06-02-2021 12:21	Text Document	1 KB

```
Command Prompt

C:\Users\Meghana>cd Documents\winsem\sc_lab

C:\Users\Meghana\Documents\winsem\sc_lab>cd lab1

C:\Users\Meghana\Documents\winsem\sc_lab\lab1>mkdir Folder1

C:\Users\Meghana\Documents\winsem\sc_lab\lab1>cd Folder1

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1>mkdir subroot1

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1>for %A in (1 2 3 4 5) do echo .>19BCN7157SS%A.txt

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1>echo . 1>19BCN7157SS1.txt

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1>echo . 1>19BCN7157SS2.txt

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1>echo . 1>19BCN7157SS3.txt

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1>echo . 1>19BCN7157SS4.txt

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1>echo . 1>19BCN7157SS5.txt

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1>for %A in (1 2 3 4 5) do echo .>19BCN7157SS%A.docx

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1>echo . 1>19BCN7157SS1.docx

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1>echo . 1>19BCN7157SS2.docx

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1>echo . 1>19BCN7157SS3.docx

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1>echo . 1>19BCN7157SS4.docx

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1>echo . 1>19BCN7157SS5.docx

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1>cd subroot1

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1>for %A in (6 7 8 9 10) do echo .>19BCN7157SS%A.txt

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1>echo . 1>19BCN7157SS6.txt

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1>echo . 1>19BCN7157SS7.txt

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1>echo . 1>19BCN7157SS8.txt

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1>echo . 1>19BCN7157SS9.txt

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1>echo . 1>19BCN7157SS10.txt

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1>for %A in (6 7 8 9 10) do echo .>19BCN7157SS%A.docx
```

```
Command Prompt

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1>echo . 1>19BCN7157SS3.docx

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1>echo . 1>19BCN7157SS4.docx

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1>echo . 1>19BCN7157SS5.docx

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1>cd subroot1

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1>for %A in (6 7 8 9 10) do echo .>19BCN7157SS%A.txt

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1>echo . 1>19BCN7157SS6.txt

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1>echo . 1>19BCN7157SS7.txt

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1>echo . 1>19BCN7157SS8.txt

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1>echo . 1>19BCN7157SS9.txt

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1>echo . 1>19BCN7157SS10.txt

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1>for %A in (6 7 8 9 10) do echo .>19BCN7157SS%A.docx

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1>echo . 1>19BCN7157SS6.docx

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1>echo . 1>19BCN7157SS7.docx

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1>echo . 1>19BCN7157SS8.docx

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1>echo . 1>19BCN7157SS9.docx

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1>echo . 1>19BCN7157SS10.docx

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1>mkdir subroot2

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1>cd subroot2

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1\subroot2>
C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1\subroot2>for %A in (11 12 13 14 15) do echo .>19BCN7157SS%A.txt

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1\subroot2>echo . 1>19BCN7157SS11.txt

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1\subroot2>echo . 1>19BCN7157SS12.txt

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1\subroot2>echo . 1>19BCN7157SS13.txt

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1\subroot2>echo . 1>19BCN7157SS14.txt

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1\subroot2>echo . 1>19BCN7157SS15.txt
```

Type here to search

```
C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1\subroot2>echo . 1>19BCN7157SS14.txt

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1\subroot2>echo . 1>19BCN7157SS15.txt

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1\subroot2>for %A in (11 12 13 14 15) do echo .>19BCN7157SS%A.docx

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1\subroot2>echo . 1>19BCN7157SS11.docx

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1\subroot2>echo . 1>19BCN7157SS12.docx

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1\subroot2>echo . 1>19BCN7157SS13.docx

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1\subroot2>echo . 1>19BCN7157SS14.docx

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1\subroot2>echo . 1>19BCN7157SS15.docx

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1\subroot2>mkdir subroot3

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1\subroot2>cd subroot3

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1\subroot2\subroot3>for %A in (16 17 18 19 20) do echo .>19BCN7157SS%A.txt

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1\subroot2\subroot3>echo . 1>19BCN7157SS16.txt

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1\subroot2\subroot3>echo . 1>19BCN7157SS17.txt

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1\subroot2\subroot3>echo . 1>19BCN7157SS18.txt

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1\subroot2\subroot3>echo . 1>19BCN7157SS19.txt

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1\subroot2\subroot3>echo . 1>19BCN7157SS20.txt

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1\subroot2\subroot3>for %A in (16 17 18 19 20) do echo .>19BCN7157SS%A.docx

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1\subroot2\subroot3>echo . 1>19BCN7157SS16.docx

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1\subroot2\subroot3>echo . 1>19BCN7157SS17.docx

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1\subroot2\subroot3>echo . 1>19BCN7157SS18.docx

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1\subroot2\subroot3>echo . 1>19BCN7157SS19.docx

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1\subroot2\subroot3>echo . 1>19BCN7157SS20.docx

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1\subroot2\subroot3>
```

1)Delete all the files from the last child.

```
C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1\subroot2\subroot3>del *.*
C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1\subroot2\subroot3\*.*, Are you sure (Y/N)? Y

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1\subroot2\subroot3>
```

delete files of docx type.

```
C:\Users\Meghana>cd C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1\subroot2\subroot3

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1\subroot2\subroot3>del *.*
C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1\subroot2\subroot3\*.*, Are you sure (Y/N)? Y

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1\subroot2\subroot3>cd C:\Users\Meghana\Documents\winsem\sc
_lab\lab1\Folder1\subroot1\subroot2\

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1\subroot2>del *.docx*

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1\subroot2>_
```

3)delete all files of .docx type starting with ss.

```
C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1>for %A in (1 2 3 4 5) do del *SS%A.docx*

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1>del *SS1.docx*

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1>del *SS2.docx*

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1>del *SS3.docx*

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1>del *SS4.docx*

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1>del *SS5.docx*

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1>
```

4)delete files from ss11 to ss19.(I here deleted files SS8 to SS10 as I had deleted SS11 to SS19 in the previous question)

```
C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1>for %A in (8 9 10) do del *SS%A.*

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1>del *SS8.*

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1>del *SS9.*

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1>del *SS10.*

C:\Users\Meghana\Documents\winsem\sc_lab\lab1\Folder1\subroot1>_
```