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Secure Coding

Exercise

- All th 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
- Try to delete all the files which are in docx type in 2nd folder
- 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 4th folder

Creating subfolders

```
C:\Users\ganga\OneDrive\Desktop\test>mkdir folder1  
  
C:\Users\ganga\OneDrive\Desktop\test>mkdir folder2  
  
C:\Users\ganga\OneDrive\Desktop\test>mkdir folder3  
  
C:\Users\ganga\OneDrive\Desktop\test>mkdir folder4
```

Creating 10 text files

```
C:\Users\ganga\OneDrive\Desktop\test\folder 1>FOR /L %A IN (1 1 10) DO (echo. > "18BCN7014_SS%A.txt")  
  
C:\Users\ganga\OneDrive\Desktop\test\folder 1>(echo. 1>"18BCN7014_SS1.txt" )  
  
C:\Users\ganga\OneDrive\Desktop\test\folder 1>(echo. 1>"18BCN7014_SS2.txt" )  
  
C:\Users\ganga\OneDrive\Desktop\test\folder 1>(echo. 1>"18BCN7014_SS3.txt" )  
  
C:\Users\ganga\OneDrive\Desktop\test\folder 1>(echo. 1>"18BCN7014_SS4.txt" )  
  
C:\Users\ganga\OneDrive\Desktop\test\folder 1>(echo. 1>"18BCN7014_SS5.txt" )  
  
C:\Users\ganga\OneDrive\Desktop\test\folder 1>(echo. 1>"18BCN7014_SS6.txt" )  
  
C:\Users\ganga\OneDrive\Desktop\test\folder 1>(echo. 1>"18BCN7014_SS7.txt" )  
  
C:\Users\ganga\OneDrive\Desktop\test\folder 1>(echo. 1>"18BCN7014_SS8.txt" )  
  
C:\Users\ganga\OneDrive\Desktop\test\folder 1>(echo. 1>"18BCN7014_SS9.txt" )  
  
C:\Users\ganga\OneDrive\Desktop\test\folder 1>(echo. 1>"18BCN7014_SS10.txt" )
```

Creating 10 doc files

```
C:\Users\ganga\OneDrive\Desktop\test\folder 3>FOR /L %A IN (1 1 10) DO (echo. > "18BCN7014_SS%A.docx")
C:\Users\ganga\OneDrive\Desktop\test\folder 3>(echo. 1>"18BCN7014_SS1.docx" )
C:\Users\ganga\OneDrive\Desktop\test\folder 3>(echo. 1>"18BCN7014_SS2.docx" )
C:\Users\ganga\OneDrive\Desktop\test\folder 3>(echo. 1>"18BCN7014_SS3.docx" )
C:\Users\ganga\OneDrive\Desktop\test\folder 3>(echo. 1>"18BCN7014_SS4.docx" )
C:\Users\ganga\OneDrive\Desktop\test\folder 3>(echo. 1>"18BCN7014_SS5.docx" )
C:\Users\ganga\OneDrive\Desktop\test\folder 3>(echo. 1>"18BCN7014_SS6.docx" )
C:\Users\ganga\OneDrive\Desktop\test\folder 3>(echo. 1>"18BCN7014_SS7.docx" )
C:\Users\ganga\OneDrive\Desktop\test\folder 3>(echo. 1>"18BCN7014_SS8.docx" )
C:\Users\ganga\OneDrive\Desktop\test\folder 3>(echo. 1>"18BCN7014_SS9.docx" )
C:\Users\ganga\OneDrive\Desktop\test\folder 3>(echo. 1>"18BCN7014_SS10.docx" )
```

Delete all files in folder1

```
C:\Users\ganga\OneDrive\Desktop\test\folder1>del * /s /q
Deleted file - C:\Users\ganga\OneDrive\Desktop\test\folder1\18BCN7014_SS1.txt
Deleted file - C:\Users\ganga\OneDrive\Desktop\test\folder1\18BCN7014_SS10.txt
Deleted file - C:\Users\ganga\OneDrive\Desktop\test\folder1\18BCN7014_SS2.txt
Deleted file - C:\Users\ganga\OneDrive\Desktop\test\folder1\18BCN7014_SS3.txt
Deleted file - C:\Users\ganga\OneDrive\Desktop\test\folder1\18BCN7014_SS4.txt
Deleted file - C:\Users\ganga\OneDrive\Desktop\test\folder1\18BCN7014_SS5.txt
Deleted file - C:\Users\ganga\OneDrive\Desktop\test\folder1\18BCN7014_SS6.txt
Deleted file - C:\Users\ganga\OneDrive\Desktop\test\folder1\18BCN7014_SS7.txt
Deleted file - C:\Users\ganga\OneDrive\Desktop\test\folder1\18BCN7014_SS8.txt
Deleted file - C:\Users\ganga\OneDrive\Desktop\test\folder1\18BCN7014_SS9.txt
```

Delete all files of type docx in folder2

```
C:\Users\ganga\OneDrive\Desktop\test\folder2>del *.docx /s /q
Deleted file - C:\Users\ganga\OneDrive\Desktop\test\folder2\18BCN7014_SS1.docx
Deleted file - C:\Users\ganga\OneDrive\Desktop\test\folder2\18BCN7014_SS10.docx
Deleted file - C:\Users\ganga\OneDrive\Desktop\test\folder2\18BCN7014_SS2.docx
Deleted file - C:\Users\ganga\OneDrive\Desktop\test\folder2\18BCN7014_SS3.docx
Deleted file - C:\Users\ganga\OneDrive\Desktop\test\folder2\18BCN7014_SS4.docx
Deleted file - C:\Users\ganga\OneDrive\Desktop\test\folder2\18BCN7014_SS5.docx
Deleted file - C:\Users\ganga\OneDrive\Desktop\test\folder2\18BCN7014_SS6.docx
Deleted file - C:\Users\ganga\OneDrive\Desktop\test\folder2\18BCN7014_SS7.docx
Deleted file - C:\Users\ganga\OneDrive\Desktop\test\folder2\18BCN7014_SS8.docx
Deleted file - C:\Users\ganga\OneDrive\Desktop\test\folder2\18BCN7014_SS9.docx
```

Delete all files of type docx and ss in folder3

```
C:\Users\ganga\OneDrive\Desktop\test\folder3>del *SS*.docx /s /q
Deleted file - C:\Users\ganga\OneDrive\Desktop\test\folder3\18BCN7014_SS1.docx
Deleted file - C:\Users\ganga\OneDrive\Desktop\test\folder3\18BCN7014_SS10.docx
Deleted file - C:\Users\ganga\OneDrive\Desktop\test\folder3\18BCN7014_SS2.docx
Deleted file - C:\Users\ganga\OneDrive\Desktop\test\folder3\18BCN7014_SS3.docx
Deleted file - C:\Users\ganga\OneDrive\Desktop\test\folder3\18BCN7014_SS4.docx
Deleted file - C:\Users\ganga\OneDrive\Desktop\test\folder3\18BCN7014_SS5.docx
Deleted file - C:\Users\ganga\OneDrive\Desktop\test\folder3\18BCN7014_SS6.docx
Deleted file - C:\Users\ganga\OneDrive\Desktop\test\folder3\18BCN7014_SS7.docx
Deleted file - C:\Users\ganga\OneDrive\Desktop\test\folder3\18BCN7014_SS8.docx
Deleted file - C:\Users\ganga\OneDrive\Desktop\test\folder3\18BCN7014_SS9.docx
```

Delete all files from SS11 to SS20 in folder4

```
C:\Users\ganga\OneDrive\Desktop\test\folder4>for /l %a in (11 1 20) do (del *SS%a*)

C:\Users\ganga\OneDrive\Desktop\test\folder4>(del *SS11* )

C:\Users\ganga\OneDrive\Desktop\test\folder4>(del *SS12* )

C:\Users\ganga\OneDrive\Desktop\test\folder4>(del *SS13* )

C:\Users\ganga\OneDrive\Desktop\test\folder4>(del *SS14* )

C:\Users\ganga\OneDrive\Desktop\test\folder4>(del *SS15* )

C:\Users\ganga\OneDrive\Desktop\test\folder4>(del *SS16* )

C:\Users\ganga\OneDrive\Desktop\test\folder4>(del *SS17* )

C:\Users\ganga\OneDrive\Desktop\test\folder4>(del *SS18* )

C:\Users\ganga\OneDrive\Desktop\test\folder4>(del *SS19* )

C:\Users\ganga\OneDrive\Desktop\test\folder4>(del *SS20* )
```