

# Secure Coding Lab - 1

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## 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 2<sup>nd</sup> folder
- 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 4<sup>th</sup> folder

Creating folders

```
C:\Users\allak\Desktop>cd "SC test"
C:\Users\allak\Desktop\SC test>mkdir fol1
C:\Users\allak\Desktop\SC test>mkdir fol2
C:\Users\allak\Desktop\SC test>mkdir fol3
```

Creating 10 files

```
C:\Users\allak\Desktop\SC test\fol1>FOR /L %A IN (1 1 10) DO (echo. > "18BCN7033_SS%A.txt")
C:\Users\allak\Desktop\SC test\fol1>(echo. 1>"18BCN7033_SS1.txt" )
C:\Users\allak\Desktop\SC test\fol1>(echo. 1>"18BCN7033_SS2.txt" )
C:\Users\allak\Desktop\SC test\fol1>(echo. 1>"18BCN7033_SS3.txt" )
C:\Users\allak\Desktop\SC test\fol1>(echo. 1>"18BCN7033_SS4.txt" )
C:\Users\allak\Desktop\SC test\fol1>(echo. 1>"18BCN7033_SS5.txt" )
C:\Users\allak\Desktop\SC test\fol1>(echo. 1>"18BCN7033_SS6.txt" )
C:\Users\allak\Desktop\SC test\fol1>(echo. 1>"18BCN7033_SS7.txt" )
C:\Users\allak\Desktop\SC test\fol1>(echo. 1>"18BCN7033_SS8.txt" )
C:\Users\allak\Desktop\SC test\fol1>(echo. 1>"18BCN7033_SS9.txt" )
C:\Users\allak\Desktop\SC test\fol1>(echo. 1>"18BCN7033_SS10.txt" )
```

Creating 10 Document files

```
C:\Users\allak\Desktop\SC test>cd fol2
C:\Users\allak\Desktop\SC test\fol2>FOR /L %A IN (1 1 10) DO (echo. > "18BCN7033_SS%A.docx")
C:\Users\allak\Desktop\SC test\fol2>(echo. 1>"18BCN7033_SS1.docx" )
C:\Users\allak\Desktop\SC test\fol2>(echo. 1>"18BCN7033_SS2.docx" )
C:\Users\allak\Desktop\SC test\fol2>(echo. 1>"18BCN7033_SS3.docx" )
C:\Users\allak\Desktop\SC test\fol2>(echo. 1>"18BCN7033_SS4.docx" )
C:\Users\allak\Desktop\SC test\fol2>(echo. 1>"18BCN7033_SS5.docx" )
C:\Users\allak\Desktop\SC test\fol2>(echo. 1>"18BCN7033_SS6.docx" )
C:\Users\allak\Desktop\SC test\fol2>(echo. 1>"18BCN7033_SS7.docx" )
C:\Users\allak\Desktop\SC test\fol2>(echo. 1>"18BCN7033_SS8.docx" )
C:\Users\allak\Desktop\SC test\fol2>(echo. 1>"18BCN7033_SS9.docx" )
C:\Users\allak\Desktop\SC test\fol2>(echo. 1>"18BCN7033_SS10.docx" )
```

Deleting all docx files

```
C:\Users\allak\Desktop\SC test\fol2>del *.docx /s /q
Deleted file - C:\Users\allak\Desktop\SC test\fol2\18BCN7033_SS1.docx
Deleted file - C:\Users\allak\Desktop\SC test\fol2\18BCN7033_SS10.docx
Deleted file - C:\Users\allak\Desktop\SC test\fol2\18BCN7033_SS2.docx
Deleted file - C:\Users\allak\Desktop\SC test\fol2\18BCN7033_SS3.docx
Deleted file - C:\Users\allak\Desktop\SC test\fol2\18BCN7033_SS4.docx
Deleted file - C:\Users\allak\Desktop\SC test\fol2\18BCN7033_SS5.docx
Deleted file - C:\Users\allak\Desktop\SC test\fol2\18BCN7033_SS6.docx
Deleted file - C:\Users\allak\Desktop\SC test\fol2\18BCN7033_SS7.docx
Deleted file - C:\Users\allak\Desktop\SC test\fol2\18BCN7033_SS8.docx
Deleted file - C:\Users\allak\Desktop\SC test\fol2\18BCN7033_SS9.docx
```

Deleting all files

```
C:\Users\allak\Desktop\SC test\fol1>del * /s /q
Deleted file - C:\Users\allak\Desktop\SC test\fol1\18BCN7033_SS1.txt
Deleted file - C:\Users\allak\Desktop\SC test\fol1\18BCN7033_SS10.txt
Deleted file - C:\Users\allak\Desktop\SC test\fol1\18BCN7033_SS2.txt
Deleted file - C:\Users\allak\Desktop\SC test\fol1\18BCN7033_SS3.txt
Deleted file - C:\Users\allak\Desktop\SC test\fol1\18BCN7033_SS4.txt
Deleted file - C:\Users\allak\Desktop\SC test\fol1\18BCN7033_SS5.txt
Deleted file - C:\Users\allak\Desktop\SC test\fol1\18BCN7033_SS6.txt
Deleted file - C:\Users\allak\Desktop\SC test\fol1\18BCN7033_SS7.txt
Deleted file - C:\Users\allak\Desktop\SC test\fol1\18BCN7033_SS8.txt
Deleted file - C:\Users\allak\Desktop\SC test\fol1\18BCN7033_SS9.txt
```

Deleting 1 to 10 files

```
C:\Users\allak\Desktop\SC test\fol1>FOR /L %A IN (1 1 10) DO (del *SS%A*)
C:\Users\allak\Desktop\SC test\fol1>(del *SS1* )
C:\Users\allak\Desktop\SC test\fol1>(del *SS2* )
C:\Users\allak\Desktop\SC test\fol1>(del *SS3* )
C:\Users\allak\Desktop\SC test\fol1>(del *SS4* )
C:\Users\allak\Desktop\SC test\fol1>(del *SS5* )
C:\Users\allak\Desktop\SC test\fol1>(del *SS6* )
C:\Users\allak\Desktop\SC test\fol1>(del *SS7* )
C:\Users\allak\Desktop\SC test\fol1>(del *SS8* )
C:\Users\allak\Desktop\SC test\fol1>(del *SS9* )
C:\Users\allak\Desktop\SC test\fol1>(del *SS10* )
```