SECURE CODING

Prof. Sibi Chakravarthy

CREATING FILES

```
C:\WINDOWS\system32\cmd.exe
C:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1>for %A in (1 2 3 4 5) do echo .>19BCE7547SS%A.txt
C:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1>echo . 1>19BCE7547SS1.txt
C:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1>echo . 1>19BCE7547SS2.txt
C:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1>echo . 1>19BCE7547SS3.txt
C:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1>echo . 1>19BCE7547SS4.txt
C:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1>echo . 1>19BCE7547SS5.txt
C:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1>for %A in (6 7 8 9 10) do echo .>19BCE7547SS%A.docx
C:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1>echo . 1>19BCE7547SS6.docx
C:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1>echo . 1>19BCE7547SS7.docx
C:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1>echo . 1>19BCE7547SS8.docx
:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1>echo . 1>19BCE7547SS9.docx
C:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1>echo . 1>19BCE7547SS10.docx
C:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1>cd subroot1
C:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1>for %A in (11 12 13 14 15) do echo .>19BCE7547SS%A.txt
:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1>echo . 1>19BCE7547SS11.txt
C:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1>echo . 1>19BCE7547SS12.txt
C:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1>echo . 1>19BCE7547SS13.txt
C:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1>echo . 1>19BCE7547SS14.txt
:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1>echo . 1>19BCE7547SS15.txt
C:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1>for %A in (16 17 18 19 20) do echo..>19BCE7547SS%A.docx
C:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1>echo . 1>19BCE7547SS16.docx
C:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1>echo . 1>19BCE7547SS17.docx
:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1>echo . 1>19BCE7547SS18.docx
::\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1>echo . 1>19BCE7547SS19.docx
 :\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1>echo . 1>19BCE7547SS20.docx
```

```
C:\WINDOWS\system32\cmd.exe
 :\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1>mkdir subroot2
 :\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1>cd subroot2
 :\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1\subroot2>for %A in (21 22 23 24 25) do echo .>19BCE7547SS%A.docx
 :\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1\subroot2>echo . 1>19BCE7547SS21.docx
 :\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1\subroot2>echo . 1>19BCE7547SS22.docx
 :\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1\subroot2>echo . 1>19BCE7547SS23.docx
 \Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1\subroot2>echo . 1>19BCE7547SS24.docx
 :\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1\subroot2>echo . 1>19BCE7547SS25.docx
 :\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1\subroot2>for %A in (26 27 28 29 30) do echo .>19BCE7547SS%A.txt
 :\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1\subroot2>echo . 1>19BCE7547SS26.txt
 :\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1\subroot2>echo . 1>19BCE7547SS27.txt
 :\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1\subroot2>echo . 1>19BCE7547SS28.txt
 :\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1\subroot2>echo . 1>19BCE7547SS29.txt
 \Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1\subroot2>echo . 1>19BCE7547SS30.txt
 \Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1\subroot2>mkdir subroot3
 \Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1\subroot2>cd subroot3
 :\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1\subroot2\subroot3>for %A in (31 32 33 34 35) do echo .>19BCE7547SS%A.txt
 :\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1\subroot2\subroot3>echo . 1>19BCE7547SS31.txt
 :\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1\subroot2\subroot3>echo . 1>19BCE7547SS32.txt
 :\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1\subroot2\subroot3>echo . 1>19BCE7547SS33.txt
 :\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1\subroot2\subroot3>echo . 1>19BCE7547SS34.txt
 \Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1\subroot2\subroot3>echo . 1>19BCE7547SS35.txt
 \Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1\subroot2\subroot3>for %A in (36 37 38 39 40) do echo .>19BCE7547SS%A.docx
 :\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1\subroot2\subroot3>echo . 1>19BCE7547SS36.docx
 \Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1\subroot2\subroot3>echo . 1>19BCE7547SS37.docx
 :\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1\subroot2\subroot3>for %A in (36 37 38 39 40) do echo .>19BCE7547SS%A.docx
:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1\subroot2\subroot3>echo . 1>19BCE7547SS36.docx
 :\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1\subroot2\subroot3>echo . 1>19BCE7547SS37.docx
 :\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1\subroot2\subroot3>echo . 1>19BCE7547SS38.docx
 :\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1\subroot2\subroot3>echo . 1>19BCE7547SS39.docx
 :\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1\subroot2\subroot3>echo . 1>19BCE7547SS40.docx
 \Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1\subroot2\subroot3>
```

DELETING FILES

1) Delete all files from the last child.

```
C:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1\subroot2\subroot3>del *.*
C:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1\subroot2\subroot3\*.*, Are you sure (Y/N)? Y
C:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1\subroot2\subroot3>
```

2) Delete all .docx files

```
C:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1\subroot2>del *.docx
C:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1\subroot2>
```

3)Delete all files starting with SS of .docx

```
C:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1>for %A in (16 17 18 19 20) do del *SS%A.docx
C:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1>del *SS16.docx
C:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1>del *SS17.docx
C:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1>del *SS18.docx
C:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1>del *SS19.docx
C:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1>del *SS20.docx
C:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1>del *SS20.docx
C:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1\subroot1>del *SS20.docx
```

4)Delete all files starting with SS1 to SS10

```
C:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1>for %A in (1 2 3 4 5 6 7 8 9 10) do del *SS%A.*

C:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1>del *SS1.*

C:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1>del *SS2.*

C:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1>del *SS3.*

C:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1>del *SS4.*

C:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1>del *SS5.*

C:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1>del *SS6.*

C:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1>del *SS7.*

C:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1>del *SS8.*

C:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1>del *SS9.*

C:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1>del *SS9.*

C:\Users\SaiShaket Kalivarapu\Desktop\lab1\folder 1>del *SS9.*
```