

# Secure Coding

## Lab 1

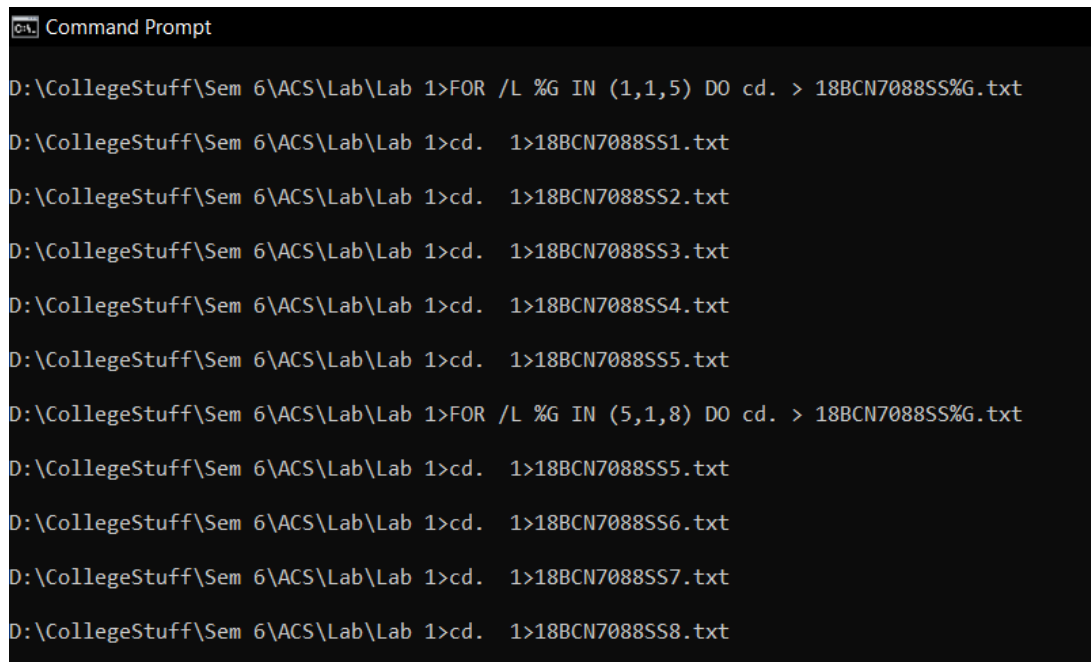
18BCN7088

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## 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

1. Creating 10 files with reg number followed by 'SS'



```
Command Prompt

D:\CollegeStuff\Sem 6\ACS\Lab\Lab 1>FOR /L %G IN (1,1,5) DO cd. > 18BCN7088SS%G.txt
D:\CollegeStuff\Sem 6\ACS\Lab\Lab 1>cd. 1>18BCN7088SS1.txt
D:\CollegeStuff\Sem 6\ACS\Lab\Lab 1>cd. 1>18BCN7088SS2.txt
D:\CollegeStuff\Sem 6\ACS\Lab\Lab 1>cd. 1>18BCN7088SS3.txt
D:\CollegeStuff\Sem 6\ACS\Lab\Lab 1>cd. 1>18BCN7088SS4.txt
D:\CollegeStuff\Sem 6\ACS\Lab\Lab 1>cd. 1>18BCN7088SS5.txt
D:\CollegeStuff\Sem 6\ACS\Lab\Lab 1>FOR /L %G IN (5,1,8) DO cd. > 18BCN7088SS%G.txt
D:\CollegeStuff\Sem 6\ACS\Lab\Lab 1>cd. 1>18BCN7088SS5.txt
D:\CollegeStuff\Sem 6\ACS\Lab\Lab 1>cd. 1>18BCN7088SS6.txt
D:\CollegeStuff\Sem 6\ACS\Lab\Lab 1>cd. 1>18BCN7088SS7.txt
D:\CollegeStuff\Sem 6\ACS\Lab\Lab 1>cd. 1>18BCN7088SS8.txt
```

2. Creating 4 folders and copying the created files to them

```
D:\CollegeStuff\Sem 6\ACS\Lab\Lab 1>mkdir child1

D:\CollegeStuff\Sem 6\ACS\Lab\Lab 1>cp 18* child1
'cp' is not recognized as an internal or external command,
operable program or batch file.

D:\CollegeStuff\Sem 6\ACS\Lab\Lab 1>copy 18* child1
18BCN7088SS1.txt
18BCN7088SS10.pdf
18BCN7088SS2.txt
18BCN7088SS3.txt
18BCN7088SS4.txt
18BCN7088SS5.docx
18BCN7088SS6.docx
18BCN7088SS7.docx
18BCN7088SS8.docx
18BCN7088SS9.pdf
        10 file(s) copied.
```

3. Putting folders inside folders in 4 layers

```
D:\CollegeStuff\Sem 6\ACS\Lab\Lab 1>move -r child2 child1
The syntax of the command is incorrect.

D:\CollegeStuff\Sem 6\ACS\Lab\Lab 1>move child2 child1
        1 dir(s) moved.

D:\CollegeStuff\Sem 6\ACS\Lab\Lab 1>move child3 child1/child2
        1 dir(s) moved.

D:\CollegeStuff\Sem 6\ACS\Lab\Lab 1>dir
Volume in drive D is Data
```

4. Deleting all files in last folder

```
D:\CollegeStuff\Sem 6\ACS\Lab\Lab 1>del child1\child2\child3\*
D:\CollegeStuff\Sem 6\ACS\Lab\Lab 1>child1\child2\child3\*, Are you sure (Y/N)? y
```

5. Deleting docx files in folder 2

```
D:\CollegeStuff\Sem 6\ACS\Lab\Lab 1>del child1\child2\*.docx

D:\CollegeStuff\Sem 6\ACS\Lab\Lab 1>dir child1\child2
Volume in drive D is Data
Volume Serial Number is A266-8A3F

Directory of D:\CollegeStuff\Sem 6\ACS\Lab\Lab 1\child1\child2

30-01-2021  11:30    <DIR>          .
30-01-2021  11:30    <DIR>          ..
30-01-2021  11:21             0 18BCN7088SS1.txt
30-01-2021  11:23             0 18BCN7088SS10.pdf
30-01-2021  11:21             0 18BCN7088SS2.txt
30-01-2021  11:21             0 18BCN7088SS3.txt
30-01-2021  11:21             0 18BCN7088SS4.txt
30-01-2021  11:23             0 18BCN7088SS9.pdf
30-01-2021  11:29    <DIR>          child3
                6 File(s)              0 bytes
                3 Dir(s) 169,719,848,960 bytes free
```

6. Deleting docx files starting with SS in folder 3

Directory of D:\CollegeStuff\Sem 6\ACS\Lab\Lab 1\child1

```
30-01-2021  11:32    <DIR>          .
30-01-2021  11:32    <DIR>          ..
30-01-2021  11:21             0 18BCN7088SS1.txt
30-01-2021  11:23             0 18BCN7088SS10.pdf
30-01-2021  11:21             0 18BCN7088SS2.txt
30-01-2021  11:21             0 18BCN7088SS3.txt
30-01-2021  11:21             0 18BCN7088SS4.txt
30-01-2021  11:22             0 18BCN7088SS5.docx
30-01-2021  11:22             0 18BCN7088SS6.docx
30-01-2021  11:22             0 18BCN7088SS7.docx
30-01-2021  11:22             0 18BCN7088SS8.docx
30-01-2021  11:23             0 18BCN7088SS9.pdf
30-01-2021  11:30    <DIR>          child2
30-01-2021  11:32             0 SS18BCN7088SS1.docx
30-01-2021  11:32             0 SS18BCN7088SS2.docx
30-01-2021  11:32             0 SS18BCN7088SS3.docx
30-01-2021  11:32             0 SS18BCN7088SS4.docx
30-01-2021  11:32             0 SS18BCN7088SS5.docx
                15 File(s)              0 bytes
                3 Dir(s)  169,719,848,960 bytes free
```

D:\CollegeStuff\Sem 6\ACS\Lab\Lab 1>del child1\SS\*.docx

D:\CollegeStuff\Sem 6\ACS\Lab\Lab 1>dir

Volume in drive D is Data

Volume Serial Number is A266-8A3F

Directory of D:\CollegeStuff\Sem 6\ACS\Lab\Lab 1

```
30-01-2021  11:25    <DIR>          .
30-01-2021  11:25    <DIR>          ..
30-01-2021  11:21             0 18BCN7088SS1.txt
30-01-2021  11:23             0 18BCN7088SS10.pdf
30-01-2021  11:21             0 18BCN7088SS2.txt
30-01-2021  11:21             0 18BCN7088SS3.txt
30-01-2021  11:21             0 18BCN7088SS4.txt
30-01-2021  11:22             0 18BCN7088SS5.docx
30-01-2021  11:22             0 18BCN7088SS6.docx
30-01-2021  11:22             0 18BCN7088SS7.docx
30-01-2021  11:22             0 18BCN7088SS8.docx
30-01-2021  11:23             0 18BCN7088SS9.pdf
30-01-2021  11:33    <DIR>          child1
                10 File(s)              0 bytes
```

7. Deleting files starting from SS11 to SS20

```
D:\CollegeStuff\Sem 6\ACS\Lab\Lab 1>dir
Volume in drive D is Data
Volume Serial Number is A266-8A3F

Directory of D:\CollegeStuff\Sem 6\ACS\Lab\Lab 1

30-01-2021  11:35    <DIR>          .
30-01-2021  11:35    <DIR>          ..
30-01-2021  11:21             0 18BCN7088SS1.txt
30-01-2021  11:23             0 18BCN7088SS10.pdf
30-01-2021  11:21             0 18BCN7088SS2.txt
30-01-2021  11:21             0 18BCN7088SS3.txt
30-01-2021  11:21             0 18BCN7088SS4.txt
30-01-2021  11:22             0 18BCN7088SS5.docx
30-01-2021  11:22             0 18BCN7088SS6.docx
30-01-2021  11:22             0 18BCN7088SS7.docx
30-01-2021  11:22             0 18BCN7088SS8.docx
30-01-2021  11:23             0 18BCN7088SS9.pdf
30-01-2021  11:33    <DIR>          child1
30-01-2021  11:35             0 SS1118BCN7088SS.docx
30-01-2021  11:35             0 SS1218BCN7088SS.docx
30-01-2021  11:35             0 SS1318BCN7088SS.docx
30-01-2021  11:35             0 SS1418BCN7088SS.docx
30-01-2021  11:35             0 SS1518BCN7088SS.docx
30-01-2021  11:35             0 SS1618BCN7088SS.docx
30-01-2021  11:35             0 SS1718BCN7088SS.docx
30-01-2021  11:35             0 SS1818BCN7088SS.docx
30-01-2021  11:35             0 SS1918BCN7088SS.docx
30-01-2021  11:35             0 SS2018BCN7088SS.docx
```

```

C:\ Select Command Prompt
      20 File(s)            0 bytes
      3 Dir(s) 169,719,848,960 bytes free

D:\CollegeStuff\Sem 6\ACS\Lab\Lab 1>FOR /L %G IN (11,1,20) DO del SS%G18BCN7088SS.docx

D:\CollegeStuff\Sem 6\ACS\Lab\Lab 1>del SS1118BCN7088SS.docx

D:\CollegeStuff\Sem 6\ACS\Lab\Lab 1>del SS1218BCN7088SS.docx

D:\CollegeStuff\Sem 6\ACS\Lab\Lab 1>del SS1318BCN7088SS.docx

D:\CollegeStuff\Sem 6\ACS\Lab\Lab 1>del SS1418BCN7088SS.docx

D:\CollegeStuff\Sem 6\ACS\Lab\Lab 1>del SS1518BCN7088SS.docx

D:\CollegeStuff\Sem 6\ACS\Lab\Lab 1>del SS1618BCN7088SS.docx

D:\CollegeStuff\Sem 6\ACS\Lab\Lab 1>del SS1718BCN7088SS.docx

D:\CollegeStuff\Sem 6\ACS\Lab\Lab 1>del SS1818BCN7088SS.docx

D:\CollegeStuff\Sem 6\ACS\Lab\Lab 1>del SS1918BCN7088SS.docx

D:\CollegeStuff\Sem 6\ACS\Lab\Lab 1>del SS2018BCN7088SS.docx

D:\CollegeStuff\Sem 6\ACS\Lab\Lab 1>dir
Volume in drive D is Data
Volume Serial Number is A266-8A3F

Directory of D:\CollegeStuff\Sem 6\ACS\Lab\Lab 1

30-01-2021  11:35    <DIR>          .
30-01-2021  11:35    <DIR>          ..
30-01-2021  11:21             0 18BCN7088SS1.txt
30-01-2021  11:23             0 18BCN7088SS10.pdf
30-01-2021  11:21             0 18BCN7088SS2.txt
30-01-2021  11:21             0 18BCN7088SS3.txt
30-01-2021  11:21             0 18BCN7088SS4.txt
30-01-2021  11:22             0 18BCN7088SS5.docx
30-01-2021  11:22             0 18BCN7088SS6.docx
30-01-2021  11:22             0 18BCN7088SS7.docx
30-01-2021  11:22             0 18BCN7088SS8.docx
30-01-2021  11:23             0 18BCN7088SS9.pdf
30-01-2021  11:33    <DIR>          child1
      10 File(s)            0 bytes
      3 Dir(s) 169,719,848,960 bytes free

```