

# Secure Coding Lab-3

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18BCN7081  
L39+L40

## 1) Find your browser installation location

```
C:\Users\JAVVADI>where /R C:\ *.exe | findstr chrome.exe
C:\Program Files\Google\Chrome\Application\chrome.exe
^C^C
C:\Users\JAVVADI>
```

We can use this command to find the files.

## 2) File Replication

```
C:\Users\JAVVADI>mkdir 18BCN7081_FileReplication
C:\Users\JAVVADI>cd 18BCN7081_FileReplication
C:\Users\JAVVADI\18BCN7081_FileReplication>type nul > 18BCN7081.exe
```

Here, I created a file which is going to be copied for 50 times in the same directory.

```
C:\Users\JAVVADI\18BCN7081_FileReplication>for /l %A in
(1,1,50) do copy "18BCN7081.exe" "18BCN7081(%A).exe"
```

```
C:\Users\JAVVADI\18BCN7081_FileReplication>copy "18BCN7081.exe"
"18BCN7081(1).exe"
1 file(s) copied.
```

```
C:\Users\JAVVADI\18BCN7081_FileReplication>copy "18BCN7081.exe"
"18BCN7081(2).exe"
1 file(s) copied.
```

```
C:\Users\JAVVADI\18BCN7081_FileReplication>copy "18BCN7081.exe"
"18BCN7081(3).exe"
1 file(s) copied.
```

```
C:\Users\JAVVADI\18BCN7081_FileReplication>for /l %A in (1,1,50) do copy "18BCN7081.exe" "18BCN7081(%A).exe"
C:\Users\JAVVADI\18BCN7081_FileReplication>copy "18BCN7081.exe" "18BCN7081(1).exe"
1 file(s) copied.
C:\Users\JAVVADI\18BCN7081_FileReplication>copy "18BCN7081.exe" "18BCN7081(2).exe"
1 file(s) copied.
C:\Users\JAVVADI\18BCN7081_FileReplication>copy "18BCN7081.exe" "18BCN7081(3).exe"
1 file(s) copied.
C:\Users\JAVVADI\18BCN7081_FileReplication>copy "18BCN7081.exe" "18BCN7081(4).exe"
1 file(s) copied.
C:\Users\JAVVADI\18BCN7081_FileReplication>copy "18BCN7081.exe" "18BCN7081(5).exe"
1 file(s) copied.
C:\Users\JAVVADI\18BCN7081_FileReplication>copy "18BCN7081.exe" "18BCN7081(6).exe"
1 file(s) copied.
C:\Users\JAVVADI\18BCN7081_FileReplication>copy "18BCN7081.exe" "18BCN7081(7).exe"
1 file(s) copied.
```

```
1 file(s) copied.
C:\Users\JAVVADI\18BCN7081_FileReplication>copy "18BCN7081.exe" "18BCN7081(50).exe"
1 file(s) copied.
```

> Local Disk (C:) > Users > JAVVADI > 18BCN7081\_FileReplication

18BCN7081(1)	18BCN7081(2)	18BCN7081(3)
18BCN7081(4)	18BCN7081(5)	18BCN7081(6)
18BCN7081(7)	18BCN7081(8)	18BCN7081(9)
18BCN7081(10)	18BCN7081(11)	18BCN7081(12)
18BCN7081(13)	18BCN7081(14)	18BCN7081(15)
18BCN7081(16)	18BCN7081(17)	18BCN7081(18)
18BCN7081(19)	18BCN7081(20)	18BCN7081(21)
18BCN7081(22)	18BCN7081(23)	18BCN7081(24)
18BCN7081(25)	18BCN7081(26)	18BCN7081(27)
18BCN7081(28)	18BCN7081(29)	18BCN7081(30)
18BCN7081(31)	18BCN7081(32)	18BCN7081(33)
18BCN7081(34)	18BCN7081(35)	18BCN7081(36)
18BCN7081(37)	18BCN7081(38)	18BCN7081(39)
18BCN7081(40)	18BCN7081(41)	18BCN7081(42)
18BCN7081(43)	18BCN7081(44)	18BCN7081(45)
18BCN7081(46)	18BCN7081(47)	18BCN7081(48)
18BCN7081(49)	18BCN7081(50)	18BCN7081

```
C:\Users\JAVVADI>where /R c:\ *.exe | findstr 18BCN7081.exe
c:\Users\JAVVADI\18BCN7081_FileReplication\18BCN7081.exe
^C^C
C:\Users\JAVVADI>
```

We are finding the above File using cmd.

```
C:\Users\JAVVADI> cd c:\Users\JAVVADI\18BCN7081_FileReplication\
c:\Users\JAVVADI\18BCN7081_FileReplication>del *.*.exe
c:\Users\JAVVADI\18BCN7081_FileReplication>
```

And deleting the same files that are replicated.



Local Disk (C:) > Users > JAVVADI > 18BCN7081\_FileReplication

18BCN7081

### 3) DiskPart

```
C:\Users\JAVVADI>diskpart

C:\Windows\system32\diskpart.exe

Microsoft DiskPart version 10.0.19041.610

Copyright (C) Microsoft Corporation.
On computer: DESKTOP-H17TJRC

DISKPART>
```

```
On computer: DESKTOP-H17TJRC

DISKPART> list disk

   Disk ###  Status              Size       Free      Dyn  Gpt
   -----  -
   Disk 0    Online                931 GB     6144 KB           *
```

It will list out all the HDDs and SSDs present in my PC.

```
DISKPART> list vdisk

There are no virtual disks to show.

DISKPART>
```

It will list out all the Virtual drives present in my PC.

```
DISKPART> list volume

   Volume ###  Ltr  Label           Fs      Type        Size      Status       Info
   -
   Volume 0    F          DVD-ROM          0 B      DVD-ROM     0 B      No Media
   Volume 1    C          NTFS Partition    115 GB    Healthy      Boot
   Volume 2    E          NTFS Partition    250 GB    Healthy
   Volume 3    G          NTFS Partition    250 GB    Healthy
   Volume 4    H          NTFS Partition    300 GB    Healthy
   Volume 5    D    RECOVERY    NTFS Partition     14 GB    Healthy
   Volume 6          FAT32 Partition    260 MB    Healthy      System
   Volume 7          NTFS Partition    980 MB    Healthy      Hidden
```

It will list out all the partitions and volumes present in my Disk 0.

#### 4) Schedule tasks : schtasks

```
C:\Users\JAVWADI>schtasks

Folder: \
TaskName                                     Next Run Time                               Status
=====
G2MUpdateTask-S-1-5-21-1300037038-107163  27-02-2021 08:30:00                        Ready
G2MUploadTask-S-1-5-21-1300037038-107163  27-02-2021 08:33:00                        Ready
OneDrive Standalone Update Task-S-1-5-21  27-02-2021 11:58:43                        Ready
Optimize Push Notification Data File-S-1   N/A                                         Disabled
User_Feed_Synchronization-{DE5DEC54-9A89  27-02-2021 13:38:22                        Ready

Folder: \Microsoft
TaskName                                     Next Run Time                               Status
=====
INFO: There are no scheduled tasks presently available at your access level.

Folder: \Microsoft\Office
TaskName                                     Next Run Time                               Status
=====
Office Automatic Updates 2.0                28-02-2021 06:05:47                        Ready
Office ClickToRun Service Monitor           28-02-2021 04:24:17                        Ready
```

- Running Schtasks.exe without arguments displays the status and next run time for each registered task.

## Basics

- Create a task name “Reg.no\_Task1” to run on a specific time
- Change the time of the scheduled task
- Delete the scheduled task
- Schedule an another task to run only on Weekdays
- Schedule an another task to run only on Weekends



1)

```
C:\Users\JAVVADI>schtasks /create /sc daily /tn "18BCN7081_task1\open chrome"  
/tr "C:\Program Files\Google\Chrome\Application\chrome.exe" /st 18:00  
SUCCESS: The scheduled task "18BCN7081_task1\open chrome" has successfully been created.  
  
C:\Users\JAVVADI>
```

We have created a task named "18BCN7081\_task1" scheduled daily at 18:00.

2)

```
C:\Users\JAVVADI>schtasks /change /tn "18BCN7081_task1\open chrome" /st 18:10  
Please enter the run as password for JAVVADI: *****  
  
SUCCESS: The parameters of scheduled task "18BCN7081_task1\open chrome" have been changed.  
  
C:\Users\JAVVADI>
```

We have changed the time of scheduled task to 18:10

3)

```
C:\Users\JAVVADI>schtasks /change /tn "18BCN7081_task1\open chrome" /disable  
SUCCESS: The parameters of scheduled task "18BCN7081_task1\open chrome" have been changed.  
  
C:\Users\JAVVADI>schtasks /tn "18BCN7081_task1\open chrome" /delete  
WARNING: Are you sure you want to remove the task "18BCN7081_task1\open chrome" (Y/N)? y  
SUCCESS: The scheduled task "18BCN7081_task1\open chrome" was successfully deleted.  
  
C:\Users\JAVVADI>
```

We have disabled and deleted the scheduled task.

4)

```
C:\Users\JAVVADI>schtasks /create /sc weekly /d mon,tue,wed,thu,fri /tn "18BCN7081_task1\open chrome"
/tr "C:\Program Files\Google\Chrome\Application\chrome.exe" /st 18:00
SUCCESS: The scheduled task "18BCN7081_task1\open chrome" has successfully been created.

C:\Users\JAVVADI>
```

```
C:\Users\JAVVADI>schtasks /create /sc weekly /d mon,tue,wed,thu,fri /tn "18BCN7081_task1\
open chrome" /tr "C:\Program Files\Google\Chrome\Application\chrome.exe" /st 18:00
SUCCESS: The scheduled task "18BCN7081_task1\open chrome" has successfully been created.

C:\Users\JAVVADI>
```

We have created a new task which runs only on weekdays.

5)

```
C:\Users\JAVVADI>schtasks /create /sc weekly /d sat,sun /tn "18BCN7081_task2\open chrome"
/tr "C:\Program Files\Google\Chrome\Application\chrome.exe" /st 18:00
SUCCESS: The scheduled task "18BCN7081_task2\open chrome" has successfully been created.

C:\Users\JAVVADI>
```

We have created a new task which runs only on weekends.

*Submitted By*

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