

**NAME: A KRISHNA AKHIL**

**REG NO: 18BCE7076**

**SECURE CODING LAB: L39+L40**

**Guided By: Prof. Sibi Chakravarthy**

```
Administrator: Command Prompt - diskpart
C:\>where Brave.exe
INFO: Could not find files for the given pattern(s).

C:\>where Brave
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C:\>diskpart

Microsoft DiskPart version 10.0.19041.610

Copyright (C) Microsoft Corporation.
On computer: DESKTOP-5HT6BMD

DISKPART> list

Microsoft DiskPart version 10.0.19041.610

DISK          - Display a list of disks. For example, LIST DISK.
PARTITION    - Display a list of partitions on the selected disk.
               For example, LIST PARTITION.
VOLUME       - Display a list of volumes. For example, LIST VOLUME.
V/DISK       - Displays a list of virtual disks.

DISKPART> list disk

   Disk ###  Status       Size      Free      Dyn  Gpt
   -----  -
   Disk 0    Online        223 GB   1024 KB          *
```

```
Administrator: Command Prompt - diskpart

Disk 0 Online 223 GB 1024 KB *

DISKPART> select disk 0

Disk 0 is now the selected disk.

DISKPART> list vol

Volume ### Ltr Label Fs Type Size Status Info
-----
Volume 0 D DVD-ROM 0 B No Media
Volume 1 C NTFS Partition 174 GB Healthy Boot
Volume 2 FAT32 Partition 100 MB Healthy Hidden
Volume 3 FAT32 Partition 528 MB Healthy System
Volume 4 NTFS Partition 506 MB Healthy Hidden

DISKPART> list partition

Partition ### Type Size Offset
-----
Partition 1 System 100 MB 1024 KB
Partition 2 Reserved 16 MB 101 MB
Partition 5 System 528 MB 117 MB
Partition 3 Primary 174 GB 646 MB
Partition 6 Unknown 45 GB 175 GB
Partition 7 Unknown 2998 MB 220 GB
Partition 4 Recovery 506 MB 223 GB

DISKPART>
```

```
Administrator: Command Prompt - where /R c:\EnjoySport.csv

/T Displays the file size, last modified date and time for all
    matched files.

pattern Specifies the search pattern for the files to match.
    Wildcards * and ? can be used in the pattern. The
    "$env:pattern" and "path:pattern" formats can also be
    specified, where "env" is an environment variable and
    the search is done in the specified paths of the "env"
    environment variable. These formats should not be used
    with /R. The search is also done by appending the
    extensions of the PATHEXT variable to the pattern.

/? Displays this help message.

NOTE: The tool returns an error level of 0 if the search is
      successful, of 1 if the search is unsuccessful and
      of 2 for failures or errors.

Examples:
WHERE /?
WHERE myfilename1 myfile????.*
WHERE $windir:*.
WHERE /R c:\windows *.exe *.dll *.bat
WHERE /Q ??.*
WHERE "c:\windows;c:\windows\system32:*.dll"
WHERE /F /T *.dll

C:\>where /R c:\EnjoySport.csv
c:\Users\akhil\Downloads\EnjoySport.csv
```

## Replication:

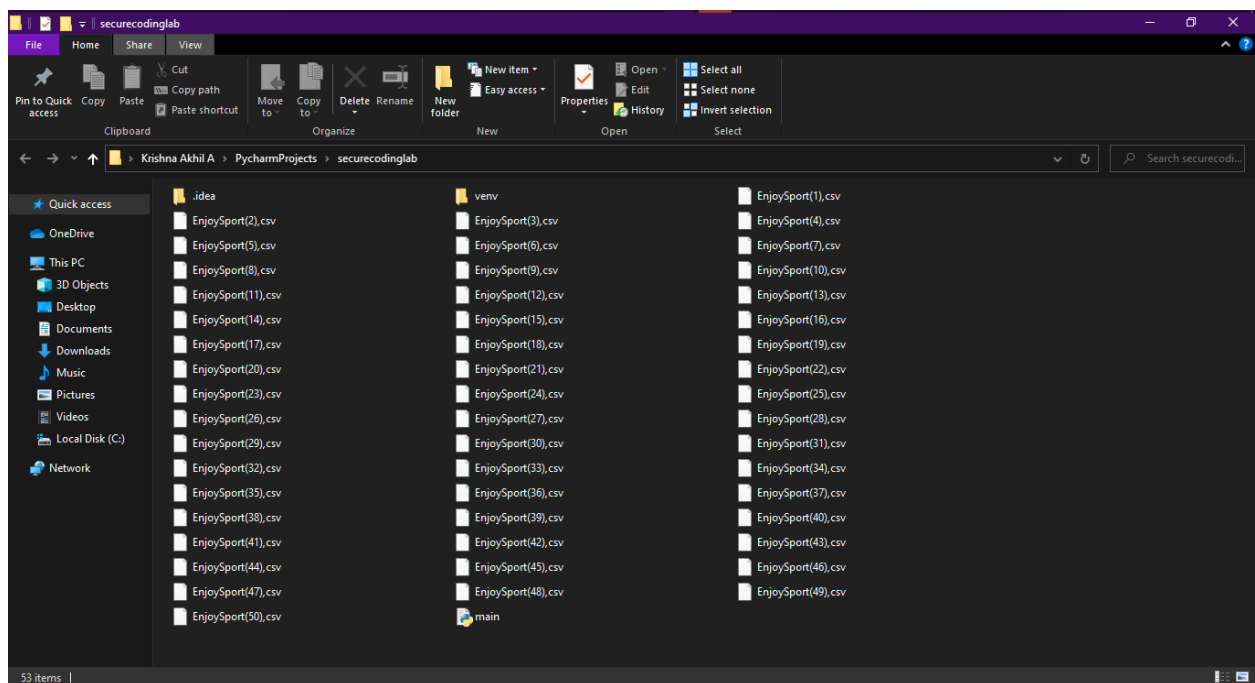
```
import shutil
```

```
import os
```

```
file = os.path.realpath("C:/Users/akhil/Documents/Secure Coding  
Lab/EnjoySport.csv")
```

```
for x in range(1, 51):
```

```
    shutil.copy(file, 'EnjoySport(%s),csv'%x)
```



## Locating Replicated files:

```
Command Prompt
C:\Users\akhil\PycharmProjects\securecodinglab>dir
Volume in drive C has no label.
Volume Serial Number is 96B4-61EF

Directory of C:\Users\akhil\PycharmProjects\securecodinglab

03/03/2021 11:03 PM <DIR>      .
03/03/2021 11:03 PM <DIR>      ..
03/03/2021 11:10 PM <DIR>      .idea
03/03/2021 11:03 PM          154 EnjoySport(1),csv
03/03/2021 11:03 PM          154 EnjoySport(10),csv
03/03/2021 11:03 PM          154 EnjoySport(11),csv
03/03/2021 11:03 PM          154 EnjoySport(12),csv
03/03/2021 11:03 PM          154 EnjoySport(13),csv
03/03/2021 11:03 PM          154 EnjoySport(14),csv
03/03/2021 11:03 PM          154 EnjoySport(15),csv
03/03/2021 11:03 PM          154 EnjoySport(16),csv
03/03/2021 11:03 PM          154 EnjoySport(17),csv
03/03/2021 11:03 PM          154 EnjoySport(18),csv
03/03/2021 11:03 PM          154 EnjoySport(19),csv
03/03/2021 11:03 PM          154 EnjoySport(2),csv
03/03/2021 11:03 PM          154 EnjoySport(20),csv
03/03/2021 11:03 PM          154 EnjoySport(21),csv
03/03/2021 11:03 PM          154 EnjoySport(22),csv
03/03/2021 11:03 PM          154 EnjoySport(23),csv
03/03/2021 11:03 PM          154 EnjoySport(24),csv
03/03/2021 11:03 PM          154 EnjoySport(25),csv
03/03/2021 11:03 PM          154 EnjoySport(26),csv
03/03/2021 11:03 PM          154 EnjoySport(27),csv
03/03/2021 11:03 PM          154 EnjoySport(28),csv
03/03/2021 11:03 PM          154 EnjoySport(29),csv
03/03/2021 11:03 PM          154 EnjoySport(3),csv
03/03/2021 11:03 PM          154 EnjoySport(30),csv
03/03/2021 11:03 PM          154 EnjoySport(31),csv
03/03/2021 11:03 PM          154 EnjoySport(32),csv
03/03/2021 11:03 PM          154 EnjoySport(33),csv
03/03/2021 11:03 PM          154 EnjoySport(34),csv
03/03/2021 11:03 PM          154 EnjoySport(35),csv
03/03/2021 11:03 PM          154 EnjoySport(36),csv
03/03/2021 11:03 PM          154 EnjoySport(37),csv
03/03/2021 11:03 PM          154 EnjoySport(38),csv
03/03/2021 11:03 PM          154 EnjoySport(39),csv
03/03/2021 11:03 PM          154 EnjoySport(4),csv
03/03/2021 11:03 PM          154 EnjoySport(40),csv
```

## Deleting Replicated files:

C:\Users\akhil\PycharmProjects\securecodinglab>del EnjoySport(\*)

```
Command Prompt
03/03/2021 11:03 PM          154 EnjoySport(38),csv
03/03/2021 11:03 PM          154 EnjoySport(39),csv
03/03/2021 11:03 PM          154 EnjoySport(4),csv
03/03/2021 11:03 PM          154 EnjoySport(40),csv
03/03/2021 11:03 PM          154 EnjoySport(41),csv
03/03/2021 11:03 PM          154 EnjoySport(42),csv
03/03/2021 11:03 PM          154 EnjoySport(43),csv
03/03/2021 11:03 PM          154 EnjoySport(44),csv
03/03/2021 11:03 PM          154 EnjoySport(45),csv
03/03/2021 11:03 PM          154 EnjoySport(46),csv
03/03/2021 11:03 PM          154 EnjoySport(47),csv
03/03/2021 11:03 PM          154 EnjoySport(48),csv
03/03/2021 11:03 PM          154 EnjoySport(49),csv
03/03/2021 11:03 PM          154 EnjoySport(5),csv
03/03/2021 11:03 PM          154 EnjoySport(50),csv
03/03/2021 11:03 PM          154 EnjoySport(6),csv
03/03/2021 11:03 PM          154 EnjoySport(7),csv
03/03/2021 11:03 PM          154 EnjoySport(8),csv
03/03/2021 11:03 PM          154 EnjoySport(9),csv
03/03/2021 11:03 PM          185 main.py
03/03/2021 10:58 PM <DIR>      venv
                    51 File(s)          7,885 bytes
                    4 Dir(s) 13,980,909,568 bytes free

C:\Users\akhil\PycharmProjects\securecodinglab>del EnjoySport(*)
C:\Users\akhil\PycharmProjects\securecodinglab>
```

securecodinglab

File Home Share View

Pin to Quick access Copy Paste Move to Delete New folder Properties Select all Select none Invert selection

Clipboard Organize New Open Select

← → ↑ ↓ PycharmProjects > securecodinglab Search securecodi...

Quick access

OneDrive

This PC

3D Objects

Desktop

Documents

Downloads

Music

Pictures

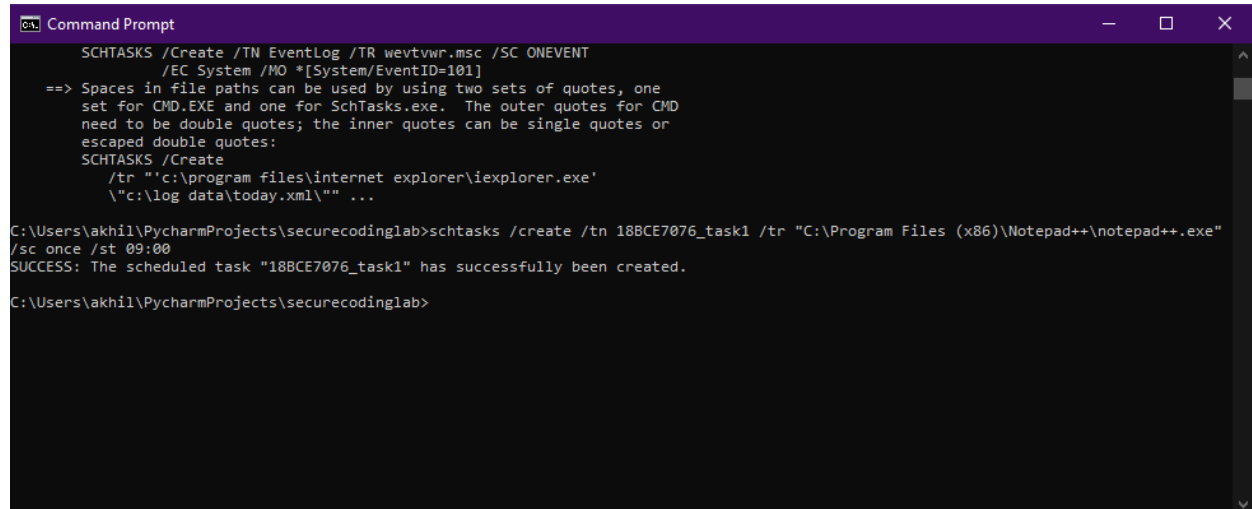
Videos

Local Disk (C:)

Network

3 items |

## Scheduling Tasks



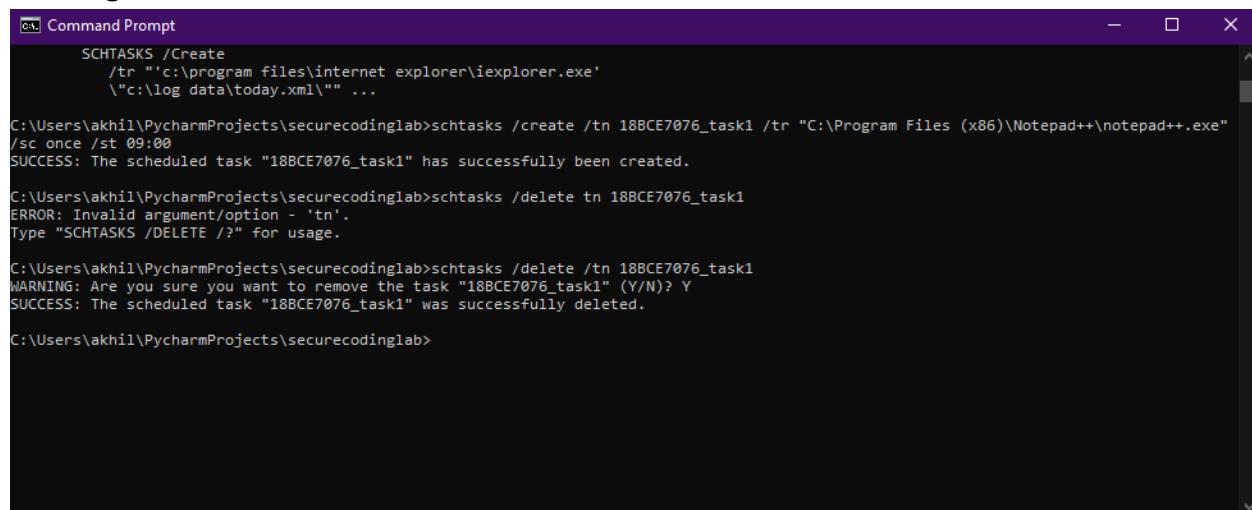
```
Command Prompt

SCHTASKS /Create /TN EventLog /TR wevtvwr.msc /SC ONEVENT
/EC System /MO *[System/EventID=101]
==> Spaces in file paths can be used by using two sets of quotes, one
set for CMD.EXE and one for SchTasks.exe. The outer quotes for CMD
need to be double quotes; the inner quotes can be single quotes or
escaped double quotes:
SCHTASKS /Create
/tr "'c:\program files\internet explorer\iexplorer.exe'
\"c:\log data\today.xml\" ...

C:\Users\akhil\PycharmProjects\securecodinglab>schtasks /create /tn 18BCE7076_task1 /tr "C:\Program Files (x86)\Notepad++\notepad++.exe"
/sc once /st 09:00
SUCCESS: The scheduled task "18BCE7076_task1" has successfully been created.

C:\Users\akhil\PycharmProjects\securecodinglab>
```

## Deleting Scheduled Task:



```
Command Prompt

SCHTASKS /Create
/tr "'c:\program files\internet explorer\iexplorer.exe'
\"c:\log data\today.xml\" ...

C:\Users\akhil\PycharmProjects\securecodinglab>schtasks /create /tn 18BCE7076_task1 /tr "C:\Program Files (x86)\Notepad++\notepad++.exe"
/sc once /st 09:00
SUCCESS: The scheduled task "18BCE7076_task1" has successfully been created.

C:\Users\akhil\PycharmProjects\securecodinglab>schtasks /delete tn 18BCE7076_task1
ERROR: Invalid argument/option - 'tn'.
Type "SCHTASKS /DELETE /?" for usage.

C:\Users\akhil\PycharmProjects\securecodinglab>schtasks /delete /tn 18BCE7076_task1
WARNING: Are you sure you want to remove the task "18BCE7076_task1" (Y/N)? Y
SUCCESS: The scheduled task "18BCE7076_task1" was successfully deleted.

C:\Users\akhil\PycharmProjects\securecodinglab>
```