

## Lab 6

1

CODE

```
ps | sort -p ws | select -last 5
```

OUTPUT

---

2

CODE

```
import os

files = [f for f in os.listdir('.') if os.path.isfile(f)]

print(files)
```

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```
import os

files = [f for f in os.listdir('.') if not os.path.isfile(f)]

print(files)
```

## OUTPUT

```
PS C:\Users\romap\documents\sem6\secure_lab\6_03> python list_files.py
['hidden']
PS C:\Users\romap\documents\sem6\secure_lab\6_03>
```

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## 5

## CODE

```
import os

top = os.getcwd()

files = [f for f in os.walk(top, topdown=True)]

print(files)
```

---

6

## CODE

```
import os

import sys

a = open("output3.txt", "w")

top="C:/"

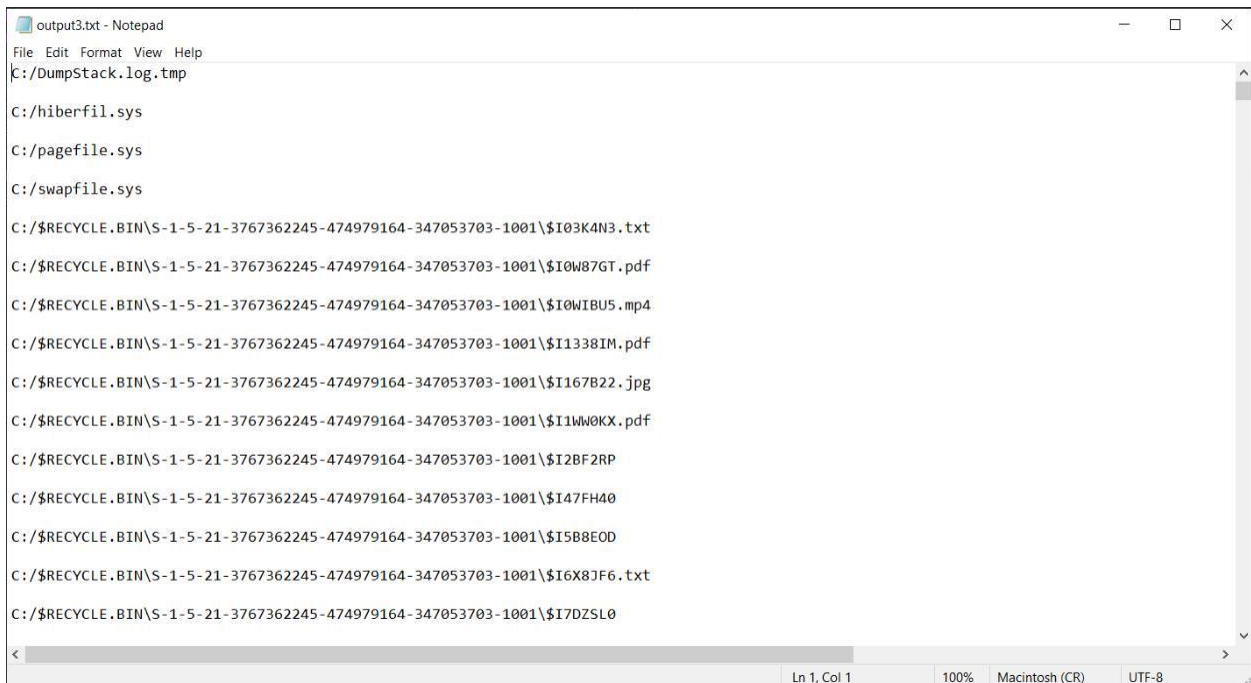
for path, subdirs, files in os.walk(top):

    for filename in files:

        f = os.path.join(path, filename)

        a.write(str(f) + os.linesep)
```

## OUTPUT



```
output3.txt - Notepad
File Edit Format View Help
C:/DumpStack.log.tmp

C:/hiberfil.sys
C:/pagefile.sys
C:/swapfile.sys
C:/$RECYCLE.BIN/S-1-5-21-3767362245-474979164-347053703-1001/$I03K4N3.txt
C:/$RECYCLE.BIN/S-1-5-21-3767362245-474979164-347053703-1001/$I0W87GT.pdf
C:/$RECYCLE.BIN/S-1-5-21-3767362245-474979164-347053703-1001/$I0WIBU5.mp4
C:/$RECYCLE.BIN/S-1-5-21-3767362245-474979164-347053703-1001/$I1338IM.pdf
C:/$RECYCLE.BIN/S-1-5-21-3767362245-474979164-347053703-1001/$I167B22.jpg
C:/$RECYCLE.BIN/S-1-5-21-3767362245-474979164-347053703-1001/$I1W0KX.pdf
C:/$RECYCLE.BIN/S-1-5-21-3767362245-474979164-347053703-1001/$I2BF2RP
C:/$RECYCLE.BIN/S-1-5-21-3767362245-474979164-347053703-1001/$I47FH40
C:/$RECYCLE.BIN/S-1-5-21-3767362245-474979164-347053703-1001/$I5B8E0D
C:/$RECYCLE.BIN/S-1-5-21-3767362245-474979164-347053703-1001/$I6X8JF6.txt
C:/$RECYCLE.BIN/S-1-5-21-3767362245-474979164-347053703-1001/$I7DZSL0

Ln 1, Col 1    100%    Macintosh (CR)    UTF-8
```

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7

CODE

```
import os

current_directory = os.getcwd()

for i in range(4):
    final_directory = os.path.join(current_directory, f'new_folder{i}')
    if not os.path.exists(final_directory):
        os.makedirs(final_directory)
```

OUTPUT

4 folders created

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