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Regno.:18BCN7109

Slot:L39+40

1. PYTHONSCRIPTTO LISTALLTHEFILESINCURRENTDIRECTORY

```
import os  
  
for root, dirs, files in os.walk("."):   
    for filename in files:  
        print(filename)
```

```
3.py  
5.py  
2.py  
1.py  
4.py  
4-b.py
```

2. PYTHONSCRIPTTO GETALLTHEDIRECTORYNAMESINTHECURRENTDIRECTORY

```
import os  
  
for root, dirs, files in os.walk("."):   
    for dname in dirs:  
        print(dname)
```

```
test3  
test4  
test1  
test2
```

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3. PYTHONSCRIPTTOGETALLTHEDIRECTORYANDSUBDIRECTORYNAMES

```
import os
thing=[val for sublist in [[os.path.join(i[0],j) for j in i[2]] for i in os.w
alk('.')]] for val in sublist]
for x in thing:
    print(x)
```

```
./3.py
./5.py
./2.py
./1.py
./4.py
./4-b.py
```

4. PYTHONSCRIPTTOGETALLTHEFILENAME,DIRECTORYANDSUBDIRECTORYNAMESRECURSIVELY

```
import os
for dirpath, dirs, files in os.walk("."): path=d
irpath.split('/')
print('|',(len(path))*'---'
,['os.path.basename(dirpath),']) for file in files:
print('|',len(path))*'---',f)
```

(4-b)

```
import os
import sys
sys.stdout=open("test.txt","w")
for dirpath, dirs, files in os.walk("."): path=di
rpath.split('/')
print('|',(len(path))*'---',['os.path.basename(dirpath),'])
```

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for finfiles:

```
print('|',len(path)*'---',f)
```

```
sys.stdout.close()
```

```
--- [ . ]
--- 3.py
--- 5.py
--- 2.py
--- 1.py
--- 4.py
--- 4-b.py
----- [ test3 ]
----- [ test4 ]
----- [ test1 ]
----- [ test2 ]
```

5. PYTHONSCRIPTTOCREATEFOURNEWFILES INTHE DIRECTORYUSINGPOWERSHELL

```
one=open("1.txt","w")
```

```
two=open("2.txt","w")
```

```
three=open("3.txt","w")
```

```
four=open("4.txt","w")one.close()
```

```
two.close()three.
```

```
close()
```

```
four.close()
```

```
1.py  2.py  3.py  4-b.py  4.txt  test1  test3  test.txt
1.txt 2.txt 3.txt 4.py  5.py  test2  test4
```