

UNDERSTAND PROGRAMMING CONCEPTS (WITH PYTHON)

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To learn python:

www.pythonclassroomdiary.wordpress.in

To practice python:

www.testpythonknowledge.wordpress.com



FILE HANDLING PART 4

Program to calculate size of file

filesize.py - D:\1MT Workshop ZIET\old prog\filesize.py (3.8.1)

File Edit Format Run Options Window Help

```
# Program to calculate File size
```

```
fh = open("myfile.txt", "r")
```

```
fh.seek(0,2) # place the file pointer at end
```

```
a=fh.tell()
```

```
print(a)
```

```
>>>
```

```
===== RESTART: D:\1MT Workshop ZIET\old prog\filesize.py =====
```

```
38
```

```
>>> |
```

Program to count number of vowels present in the file

filechar.py - D:\1MT Workshop ZIET\old prog\filechar.py (3.8.1)

File Edit Format Run Options Window Help

```
# Program to read file character by character  
# and count number of vowels present in it
```

```
count=0
```

```
f=open('myfile.py','r')
```

```
while(True):
```

```
    ch=f.read(1)
```

```
    u_ch=ch.upper()
```

```
    if u_ch=='A' or u_ch=='E' or u_ch=='I' or u_ch=='O' or u_ch=='U':
```

```
        count+=1
```

```
    if ch=="":
```

```
        break
```

```
f.close()
```

```
print('Total No of Vowels in this file are ',count)
```

myfile.py - D:\1MT Workshop ZIET\old prog\myfile.py (3.8.1)

File Edit Format Run Options Window Help

Hi How r u.

This is to learn Python File Handling.
very interesting is this.

Total No of Vowels in this file are 20

Program to print file in reverse order

file_reverse.py - D:\1MT Workshop ZIET\old prog\file_reverse.py (3.8.1)

File Edit Format Run Options Window Help

```
# program to print file in reverse order
```

```
f=open("testfile.txt","r")
```

```
f.read()
```

```
l=f.tell()
```

```
for i in range(l-1,-1,-1):
```

```
    f.seek(i,0)
```

```
    print(f.read(1),end="")
```

```
f.close()
```

testfile.txt - D:\1MT Workshop ZIET\old prog\testfile.txt (3.8.1)

File Edit Format Run Options Window Help

Namrata, Nisha, Meena,|

Sangeeta, Shanti

Namrata, Neha

Meena, Ritu

Sangeeta, Shanti

Namrata, Nisha

Teena, Reena

===== RESTART: D:\1MT Workshop ZIET

aneeR ,aneeT

ahsIN ,atarmaN

itnahS,ateegnaS

utiR ,aneem

ahen ,atarmaN

itnahS,ateegnaS

utiR ,aneem ,ahsIN ,atarmaN

>>> |

Program to find word in the file

FILE_FIND.py - D:\1MT Workshop ZIET\old prog\FILE_FIND.py (3.8.1)

File Edit Format Run Options Window Help

```
# Program to find word in the file
```

```
f=open("ffile.txt","r")
```

```
text=f.readlines()
```

```
c=0
```

```
for i in text:
```

```
    if "Python" in i.split():
```

```
        c+=1
```

```
print("Total ",c,"times WORD PY
```

```
>>>
```

```
===== RESTART: D:\1MT Workshop ZIET\old prog\FILE_FIND.py =====  
Total 2 times WORD PYTHON written in the file
```

ffile.txt - D:\1MT Workshop ZIET\old prog\ffile.txt (3.8.1)

File Edit Format Run Options Window Help

```
Python is one of those rare languages which can claim to be both simple and power  
You will find yourself pleasantly surprised to see how easy Python is..
```

Function to remove new line character ('\n'): **List Comprehension**

file_remove_nwln.py - D:\1MT Workshop ZIET\ALL Programs\file

File Edit Format Run Options Window Help

```
def remove_newlines(fname):  
    flist = open(fname).readlines()  
    return [s.rstrip('\n') for s in flist]
```

```
print(remove_newlines("Nw File3.txt"))
```

Nw_File3.txt - D:\1MT Workshop ZIET\ALL Programs\Nw_File3.txt (3.8.1)

File Edit Format Run Options Window Help

```
First line  
Second line  
Third line
```

```
===== RESTART: D:\1MT Workshop ZIET\ALL Programs\file_remove_nwln.py =====
```

```
['First line', ' Second line', 'Third line']
```

```
>>>
```


Function to remove new line character ('\n')

*file_remove_nwln.py - D:\1MT Workshop ZIET\ALL Programs\file_remove_nwln.py

File Edit Format Run Options Window Help

```
def remove_newlines1(fname):  
    data=""  
    flist = open(fname).readlines()  
    for s in flist:  
        data=data+s.rstrip('\n')  
    return data  
  
print(remove_newlines1("Nw_File3.txt"))
```

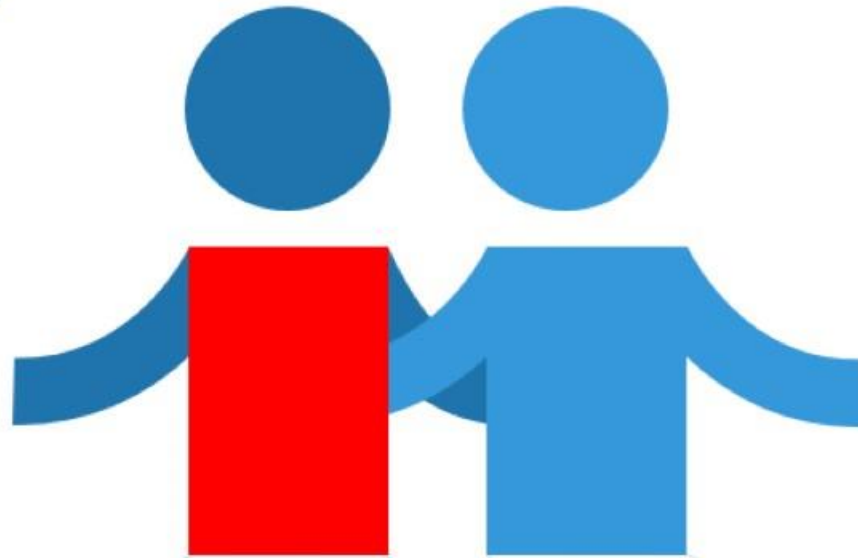
Nw_File3.txt - D:\1MT Workshop ZIET\ALL Programs\Nw_File3.txt (3.8.1)

File Edit Format Run Options Window Help

```
First line  
Second line  
Third line
```

First line Second lineThird line

***** Thanks *****



For Python language
Class Room material

visit

www.pythonclassroomdiary.wordpress.com

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in python language

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