

```
In [36]: #Name : HARSHITHA V"
f=open("ex88.txt",'w')
f.write("hello world")
f.close()
```

```
In [7]: #Name : HARSHITHA V"
def program2():
    f=open("MyFile.txt","w")
    line1=input("Enter the text:")
    line2=input("Enter the text:")
    line3=input("Enter the text:")
    new_line="\n"
    f.write(line1)
    f.write(new_line)
    f.write(line2)
    f.write(new_line)
    f.write(line3)
    f.write(new_line)
    f.close()
program2()
```

```
In [9]: #Name : HARSHITHA V"
def program6():
    cnt=0
    word_search=input("Enter the words to search:")
    with open("merge.txt","r")as f1:
        for data in f1:
            words=data.split()
            for word in words:
                if (word == word_search):
                    cnt+=1
    print(word_search," found",cnt," times from the file")
program6()
```

you found 1 times from the file

```
In [14]: #Name : HARSHITHA V"
def file_read_from_head(fname,nlines):
    from itertools import islice
    with open(fname) as f:
        for line in islice (f,nlines):
            print(line)
file_read_from_head("test.txt",2)
```

you have to put in more effort to make something effortless.

Small things become big things.

```
In [15]: #Name : HARSHITHA V"
def program9():
    f=open("merge.txt","r")
    print(f.tell())
```

```

f.seek(4,0)
print(f.read(5))
f.seek(10,0)
print(f.tell())
print(f.seek(7,0))
print(f.read(10))
program9()

```

```

0
way p
10
7
people tr

```

```

In [16]: # "Name : HARSHITHA V"
def file_read(fname):
    from itertools import islice
    with open(fname,"a") as myfile:
        myfile.write("Python Excercises\n")
        myfile.write("Java Excercises")
    txt=open(fname)
    print(txt.read())
file_read("merge.txt")

```

the way people treat you is a statement about who they are as a human being its not a statement about you. Python Excercises
Java Excercises

```

In [40]: # "Name : HARSHITHA V"
def merge_data():
    with open("text.txt","r") as f1:
        data=f1.read()
    with open("data.txt","r") as f2:
        data1=f2.read()
    with open("merge.txt","w") as f3:
        f3.write(data)
        f3.write(data1)
merge_data()

```

```

In [39]: # "Name : HARSHITHA V"
filename=input("Enter the filename: ")
with open(filename) as file:
    text=file.read()
    count_tab=0
    count_space=0
    count_nl=0
    for char in text:
        if char == "\t":
            count_tab+=1
        if char == " ":
            count_space+=1
        if char == "\n":
            count_nl+=1
    print("TABS = ",count_tab)

```

```
print("SPACES = ",count_space)
print("NEW LINES = ",count_nl)
```

```
TABS = 0
SPACES = 50
NEW LINES = 1
```

```
In [12]: ##Name : HARSHITHA V
def dash():
    cnt=0
    n=int(input("Enter no. of characters to read: "))
    with open("merge.txt","r") as f1:
        data=f1.read()
        data=data.replace(" ","-")
    with open("merge.txt","w") as f1:
        f1.write(data)
dash()
```

```
In [29]: ##Name : HARSHITHA V
def cases():
    with open("merge.txt","r") as f1:
        data= f1.read()
    cnt_ucase =0
    cnt_lcase=0
    cnt_digits=0
    for ch in data:
        if ch.islower():
            cnt_lcase+=1
        if ch.isupper():
            cnt_ucase+=1
        if ch.isdigit():
            cnt_digits+=1
    print("Total Number of UpperCase letters are:",cnt_ucase)
    print("Total Number of LowerCase letters are:", cnt_lcase)
    print("Total Number of digits are:",cnt_digits)

cases()
```

```
Total Number of UpperCase letters are: 6
Total Number of LowerCase letters are: 222
Total Number of digits are: 2
```

```
In [30]: ##Name : HARSHITHA V
def starting_let():
    with open("merge.txt","r") as f1:
        data= f1.readlines()
    cnt_lines=0
    cnt_A=0
    cnt_B=0
    cnt_C=0
    for lines in data:
        cnt_lines+=1
        if lines[0]=='A':
            cnt_A+=1
        if lines [0]=='B':
            cnt_B+=1
```

```

        if lines[0]=='C':
            cnt_C+=1
    print("Total Number of lines are:",cnt_lines)
    print("Total Number of lines starting with A are:",cnt_A)
    print("Total Number of lines starting with B are:", cnt_B)
    print("Total Number of Lines starting with C are:",cnt_C)

starting_let()

```

Total Number of lines are: 6
 Total Number of lines starting with A are: 2
 Total Number of lines starting with B are: 1
 Total Number of Lines starting with C are: 1

```

In [35]: #Name : HARSHITHA V"
file1 = open("Question.txt", "r")
file2 = open("Answer.txt", "r")
ques = file1.read()
qlines= ques.split('\n')
for lines in qlines:
    print(lines)
ans =file2.read()
alines= ans.split('\n')
print("CORRECT ANSWERS")
for lines in alines:
    print(lines)

```

What is Python?

What are the key features of Python?

What are lists in Python?

What is the use of the with statement in Python?

CORRECT ANSWERS

Python is a high-level, interpreted programming language known for its readability and simplicity.

Python supports dynamic typing, automatic memory management, and has extensive libraries.

Lists are mutable, ordered collections of items that can hold different data types. The with statement simplifies exception handling by ensuring proper resource cleanup.