

INTERNATIONAL INDIAN SCHOOL BURAI DAH

Worksheet for the Academic Year 2025-26

CLASS:XII SUBJECT: Computer Science

LESSON :5[File Handling]

1. Write a Python statement to open a text file "DATA.TXT" so that new contents can be written on it.
2. Write a Python statement to open a text file "DATA.TXT" so that new content can be added to the end of file
3. Write a Python statement to open a text file "DATA.TXT" so that existing contents can be read from file.

```
f = open(„DATA.TXT“,“w“)
```

```
f = open(„DATA.TXT“,“a“)
```

```
f = open(„DATA.TXT“)
```

4. A file MYDATA.TXT" is opened as

```
file1 = open(“MYDATA.TXT“)
```

Write a Python statement to close this file.

```
file1.close()
```

5. Considering the content stored in file "CORONA.TXT"

O Corona O Corona

Jaldi se tum Go na

Social Distancing

ka palan karona

sabse 1 meter ki

duri rakhona

Lockdown me

ghar me ho to

Online padhai karona

Write the output of following statements

```
- f = open("CORONA.TXT")
```

```
sr1 = _____
```

to read first line of file

```
str2 = _____
```

to read next line of file

```
str3 = _____
```

to read remaining lines of file

```
str1 = f.readline()
```

```
str2 = f.readline()
```

```
str3 = f.readlines() OR str3 = f.read()
```

6. Considering the content stored in file "WORLD CUP.TXT", write the output

India won the Cricket world cup of 1983

```
f = open("WORLD CUP.TXT")
```

```
print(f.read(2))
```

```
print(f.read(2))
```

```
print(f.read(4))
```

In

di

a wo

7. **Write a function in python to count the number of lines in “POEM.txt” begins from Upper case character.**

For e.g if the content of file is :

O Corona O Corona
Jaldi se tum Go na
Social Distancing ka palan
karo na sabse 1 meter ki duri
rakhona Lockdown me ghar me
ho to online padhai karona
Jaldi se tum Go na

Output should be: Lines starting from Capital letters: 4

8. **Write a python function ATOEDISP() for each requirement in Python to read the file “NEWS.TXT” and**

I Display “E” in place of all the occurrence of “A” in the word COMPUTER.

II Display “E” in place of all the occurrence of “A”:

I SELL COMPUTARS. I HAVE A COMPUTAR. I NEED A COMPUTAR. I WANT A
COMPUTAR. I USE THAT COMPUTAR. MY COMPUTAR CRASHED.

The function should display

(I) I SELL COMPUTERS. I HAVE A COMPUTER. I NEED A COMPUTER. I WANT A
COMPUTER. I USE THAT COMPTUER. MY COMPUTER CRASHED.

(II) I SELL COMPUTERS. I HEVE E COMPUTER. I NEED E COMPUTER. I WENT E
COMPUTER. I USE THET COMPTUER. MY COMPUTER CRESHED.

(I)

```
def ATOEDISP():  
    f = open('NEWS.TXT')  
    for line in f:  
        s = line.split()  
        for word in s:  
            if 'computar' in word.lower():  
                word=word.replace('A','E')  
            print(word,end=' ')
```

(II)

```
def ATOEDISP():  
    f = open('NEWS.TXT')  
    s = f.read()  
    for ch in s:  
        if ch.lower()=='a':  
            print('E',end='')  
        else:  
            print(ch,end='')
```

9. **Write a Python statement to reposition the read pointer to 20 bytes back from the current position.**

```
f = open("Emp.txt","rb")  
f.read(20)  
f.read(20)  
f.read(20)  
f._____# reposition read pointer to previous record  
f.close()
```

ANS: f.seek(-20,1)

10. Consider the following Python code and complete the missing statement:

```
import pickle
myfile = open("test.dat","wb")
d={1:100,2:200,3:300}
_____ #statement to store dictionary d in file
myfile.close()
pickle.dump(d,myfile)
```

11. Consider the following Python code and complete the missing statement:

```
import pickle
myfile = open("test.dat","rb")
d = _____ #statement to load dictionary data from file to „d“
print(d)
myfile.close()
```

pickle.load(myfile)

12. From the given path identify the type of each:

- (i) C:\mydata\web\resources\img.jpg
- (ii) ..\web\data.conf
- (i) **Absolute**
- (ii) **Relative**

13. Consider the following Binary file „Emp.txt“, Write a function RECSHOW() to display only those records who are earning more than 7000

```
EMP NO      EMP NAME  EMP SALARY
:*****
      1      AMAN      5000
      2      BIPIN      9000
      4      DINKAR      9900
```

Consider the following CSV file (emp.csv):

```
1,Peter,3500
2,Scott,4000
3,Harry,5000
4,Michael,2500
5,Sam,4200
```

Write a Python function S NAMES() to read the content of file emp.csv and display the employee record whose name begins from „S“ also show no. of employee with first letter „S“ out of total record.

Output should be:

```
2,Scott,4000
5,Sam,4200
Number of „S“ names are 2/5
```

```
import csv
def S NAMES():
    with open('emp.csv') as csvfile:
        myreader = csv.reader(csvfile,delimiter=',')
```

```
count_rec=0
count_s=0
for row in myreader:
    if row[1][0].lower()=='s':
        print(row[0],',',row[1],',',row[2])
        count_s+=1
    count_rec+=1
print("Number of 'S' names are ",count_s,"/",count_rec)

*****
```