



Eg:

```
1) f=open("abc.txt",'w')
2) print("File Name: ",f.name)
3) print("File Mode: ",f.mode)
4) print("Is File Readable: ",f.readable())
5) print("Is File Writable: ",f.writable())
6) print("Is File Closed : ",f.closed)
7) f.close()
8) print("Is File Closed : ",f.closed)
9)
10)
11) Output
12) D:\Python_classes>py test.py
13) File Name: abc.txt
14) File Mode: w
15) Is File Readable: False
16) Is File Writable: True
17) Is File Closed : False
18) Is File Closed : True
```

Writing data to text files:

We can write character data to the text files by using the following 2 methods.

```
write(str)
writelines(list of lines)
```

Eg:

```
1) f=open("abcd.txt",'w')
2) f.write("Durga\n")
3) f.write("Software\n")
4) f.write("Solutions\n")
5) print("Data written to the file successfully")
6) f.close()
```

abcd.txt:

```
Durga
Software
Solutions
```

Note: In the above program, data present in the file will be overridden everytime if we run the program. Instead of overriding if we want append operation then we should open the file as follows.

```
f = open("abcd.txt","a")
```