

CHAPTER-5 FILE HANDLING

b. Write data to a file:

There are 2 types of functions to write the data to a file.

□ write():Write the data to a file.

Syntax:write(string) (for text files) write(byte_string) (for binary files)

□ writelines(): Write all strings in a list L as lines to file.

To write the data to an existing file, you have to use the following mode:

"w" - Write - will overwrite any existing content

Example 5.4 : Open the file "Book.txt" and append content to the file:

```
fout= open("D:Book.txt", "a")
fout.write("Welcome to the world of Programmers")
fout.close()
```

Example: Open the file "Book.txt" and overwrite the content:

```
fout = open("D:Book.txt", "w")
fout.write("It is creative and innovative")
fout.close()
```

Program: 5.5 Write a program to take the details of book from the user and write the record in text file.

```
fout=open("D:Book.txt",'w')
n=int(input("How many records you want to write in a file ? :"))
for i in range(n):
    print("Enter details of record :", i+1)
    title=input("Enter the title of book : ")
    price=float(input("Enter price of the book: "))
    record=title+" , "+ str(price)+" \n"
    fout.write(record)
fout.close( )
```

OUTPUT:

```
How many records you want to write in a file ? :3
Enter details of record : 1
Enter the title of book : java
Enter price of the book: 250
```

Enter details of record : 2
Enter the title of book : c++
Enter price of the book: 300
Enter details of record : 3
Enter the title of book : python
Enter price of the book: 450

c. Append the data to a file:

This operation is used to add the data in the end of the file. It doesn't overwrite the existing data in a file. To write the data in the end of the file, you have to use the following mode:
"a" - Append - will append to the end of the file.

Program:5.6 Write a program to take the details of book from the user and write the record in the end of the text file.

```
fout=open("D:Book.txt","a")
n=int(input("How many records you want to write in a file ? :"))
for i in range(n):
    print("Enter details of record :", i+1)
    title=input("Enter the title of book : ")
    price=float(input("Enter price of the book: "))
    record=title+" , "+ str(price)+ "\n"
    fout.write(record)
fout.close()
```

OUTPUT:

How many records you want to write in a file ? :2
Enter details of record : 1
Enter the title of book : DBMS
Enter price of the book: 350
Enter details of record : 2
Enter the title of book : Computer Networking
Enter price of the book: 360

N.B: THIS SHEET IS PREPARED FROM HOME.