

IBM Python Exercise-1 File Handling

1)CODE:

```
fileptr = open("indirect4.txt","r");  
content = fileptr.read(9);  
print(type(content))  
print(content)  
fileptr.close()
```

OUTPUT:

<class 'str'>

hi there

EXPLANATION:

First line: An object fileptr is created and indirect4.txt opens in read only mode

Second line: First nine characters of the file get stored in content

Third Line: Data stored in content belongs to the class string

Fourth Line: the content is printed there

Fifth line: file is closed

2)CODE:

```
file1 = open("myfile.txt","w");  
L = ["This is Delhi \n", "This is Paris \n", "This is London"]  
file1.writelines(L)  
file1.close()  
file1 = open("myfile.txt","a")  
file1.write("\n")
```

```
file1.write("Today")  
file1.write("Tomorrow")  
file1=open("myfile.txt","r")  
print("Output of Readlines after appending")  
print(file1.read())  
print()  
file1.close()
```

OUTPUT:

Output of Readlines after appending

This is Delhi

This is Paris

This is London

TodayTomorrow

EXPLANATION:

The file is opened in write mode

It over writes the data of myfile.txt with L

Then the file is opened in append mode and more data is added to it

Finally all the data is printed from the file which we see as the o/p

3)CODE:

```
with open("test.txt") as f:
```

```
    with open("out.txt","w") as f1:
```

```
        for line in f:
```

```
            f1.write(line)
```

OUTPUT:

Contents of test.txt file is copied in the out.txt file

4)CODE:

```
fname = input("Enter file naem: ")  
with open(fname, 'r') as f:  
    for line in f:  
        l=line.title()  
        print(1)
```

OUTPUT:

Enter file name: test.txt

1

1

1

1

EXPLANATION:

Since there are 4 lines in the file test.txt, hence 4 '1's are printed

5)CODE:

```
fname = input("Enter the file name: ")  
file3 = open(fname,"a")  
c = input("Enter string to append: \n")  
file3.write("\n")  
file3.write(c)  
file3.close()  
print("Contents of appended file:");  
file4 = open(fname,'r')
```

```
line1 = file4.readline()
while(line1 != ""):
    print(line1)
    line1 = file4.readline()
file4.close()
```

OUTPUT:

Enter the file name: test.txt

Enter string to append:

Australia

Contents of appended file:

This is Delhi

This is Paris

This is London

TodayTomorrow

Newyork

Australia