

Assignment-9

321910302051

K.Kalyani

1. Program to read an entire text file

```
def file_read(fname):  
    txt = open(fname)  
    print(txt.read())  
file_read('abc.txt')
```

Output:-

Python Exercises

Java Exercises

2. Program to append the text to file and to display the text

```
def file_read(fname):  
    from itertools import islice  
    with open(fname, "w") as myfile:  
        myfile.write("Python Exercises\n")  
        myfile.write("Java Exercises")  
    txt = open(fname)  
    print(txt.read())  
file_read('abc.txt')
```

Output:-

Python Exercises

Java Exercises

3. Program to read a file line by line and to store in a variable

```
def file_read(fname):  
    with open (fname, "r") as myfile:  
        data=myfile.readlines()  
        print(data)  
file_read('abc.txt')
```

Output:-

```
['Python Exercises\n', 'Java Exercises']
```

4. Program to read contents of file using for loop

```
f=open("abc.txt","r")  
for line in f:  
    print(line)  
f.close()
```

Output:-

```
Python Exercises
```

```
Java Exercises
```

5. Program to remove leading and trailing spaces from a string

```
import re
s = ' Hello World From Pankaj \t\n\r\thi There '
print('Remove all spaces using RegEx:\n', re.sub(r"\s+", "", s), sep='')
print('Remove leading spaces using RegEx:\n', re.sub(r"^\s+", "", s), sep='')
print('Remove trailing spaces using RegEx:\n', re.sub(r"\s+$", "", s), sep='')
print('Remove leading and trailing spaces using Rete:\n', re.sub(r"^\s+|\s+$", "", s), sep='')
```

Output:-

Remove all spaces using RegEx:

HelloWorldFromPankajHiThere

Remove leading spaces using RegEx:

Hello World From Pankaj

Hi There

Remove trailing spaces using RegEx:

Hello World From Pankaj

Hi There

Remove leading and trailing spaces using RegEx:

Hello World From Pankaj

Hi There