

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