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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