

Assignment-10

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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. Python program to find longest word in a file

```
def longest_word(filename):  
    with open(filename, 'r') as infile: words =  
        infile.read().split()  
    max_len = len(max(words, key=len))  
    return [word for word in words if len(word) == max_len]  
print(longest_word('abc.txt'))
```

Output:-

```
['Exercises', 'Exercises']
```

5. Program to count the number of lines in a text file

```
def file_lengthy(fname): with
    open(fname) as f:
        for i, l in enumerate(f): pass
    return i + 1

print("Number of lines in the file: ",file_lengthy("abc.txt"))
```

Output:-

Number of lines in the file: 2