

ASSIGNMENT 5

PYTHON FILE HANDLING

1)Write a python program to read an entire text file

a) a=str(input('enter the name of the file with .txt extension'))

```
file=open(a,'r')
```

```
line=file.readline()
```

```
while (line!=""):
```

```
    print(line)
```

```
    line=file.readline()
```

```
file.close()
```

2)Write a python program to append text to a file and display the text

a)def file_read(fname):

```
    from itertools import islice
```

```
    with open(fname,"w") as myfile:
```

```
        myfile.write('file1\n')
```

```
    txt = open(fname)
```

```
    print(txt.read())
```

```
file_read('file1.txt')
```

3)Write a python program to read a file line by line and store it into a list

a)def file_read(fname):

```
    with open(fname) as f:
```

```
        content_list = f.readlines()
```

```
    print(content_list)
```

4)Write a python program to find the longest words

a)def longest_words(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_words('file1.txt'))
```

5)write a python program to count the number of lines in a text file

```
a)file = open("gfg.txt","r")
Counter = 0
Content = file.read()
CoList = Content.split("\n")

for i in CoList:
    if i:
        Counter += 1
print("This is the number of lines in the file")
print(Counter)
```