1. Write a Python program to read an entire text file

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

Output:

```
Welcome to w3resource.com.
Append this text.Append this text.Append this text.
Append this text.
Append this text.
Append this text.
Append this text.
```

2.Write a Python program to append text to a file and 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.Write a Python program to read a file line by line and store it into a list.

```
def file_read(fname):
 with open(fname) as f:
 content_list = f.readlines()
```

print(content_list)

file_read(\'test.txt\')

Output:

['Welcome to w3resource.com.\n', 'Append this text.Append this text.Append this text.\n', 'Append this text.\n

', 'Append this text.\n', 'Append this text.\n', 'Append this text.\n']

4.Write a python program to find the longest words.

```
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('test.txt'))
```

Output:

```
['w3resource.com.']
```

5.Write a Python 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("test.txt"))
```

Output:

```
Number of lines in the file:  6
```