

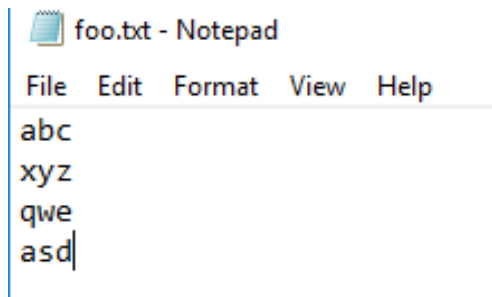
ITC LAB #11-A

LAB TASK

1. The file names.txt contains a list of names, one per line. (10 Name)

- a. Write a program that start printing the first 4 character of every name in a file (names.txt).
- b. Write a program that reads in the names form names.txt and prints the shortest name along with its length.
- c. Write a program that prints the sum of the lengths of the names in names.txt.
- d. Write a program that prints the average of the lengths of the names in names.txt.
- e. Write a program that reads in the names in names.txt and writes out a file at name_subj.txt containing the names along with subject's name, one per line, in the corresponding order.

Input file:



```
foo.txt - Notepad
File Edit Format View Help
abc
xyz
qwe
asd|
```

Output file:

```
boo.txt - Notepad
File Edit Format View Help
abc    Programing Fundamental lab, programming Fundamental, English Composition, Calculus-1
xyz    Programing Fundamental lab, programming Fundamental, English Composition, Calculus-1
qwe    Programing Fundamental lab, programming Fundamental, English Composition, Calculus-1
asd    Programing Fundamental lab, programming Fundamental, English Composition, Calculus-1
|
```

- f. Write a python **function** that reads in the names in names.txt and prints all the names that have the length given as a parameter e.g print_name(5)

Input file

```
foo.txt - Notepad
File Edit Format View Help
Ali
Arif
Aaqib
Haider
Nouman
Farman
```

Output:

```
In [51]: print_name(6)
```

```
Haider
Nouman
Farman
```