ITC LAB #11-B
LAB TASK

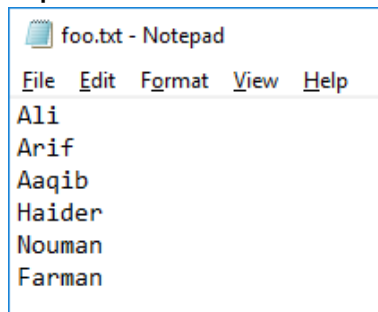## 1. The file names.txt contains a list of names, one per line. (10 Name)

a. Write a program that start printing the last 4 character of every name in a file (names.txt).

```
Ali
Arif
aqib
ider
uman
rman
```

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 reads in the names in names.txt and writes out a file at name_roll.txt containing the names along with roll number, one per line, in the corresponding order. For roll number ask user to input the roll number
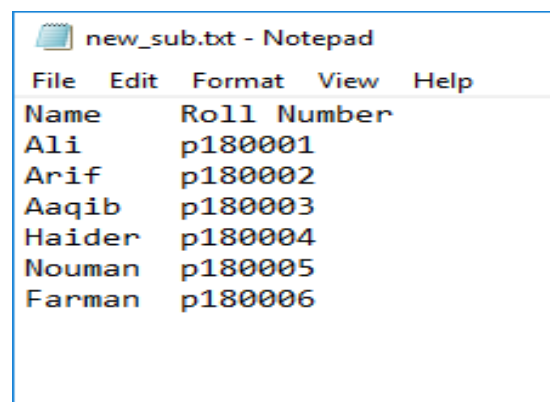
Input file:

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

Output

```
enter roll number for Ali: p180001
enter roll number for Arif: p180002
enter roll number for Aaqib: p180003
enter roll number for Haider: p180004
enter roll number for Nouman: p180005
enter roll number for Farman: p180006
```

Output file:

```
new_sub.txt - Notepad
File   Edit   Format   View   Help
Name        Roll Number
Ali         p180001
Arif        p180002
Aaqib       p180003
Haider      p180004
Nouman      p180005
Farman      p180006
```

e. Write a python **function** that reads in the names in names.txt. Your function should ask user to enter a name to search if the input is in file your function should return true otherwise it should return false.