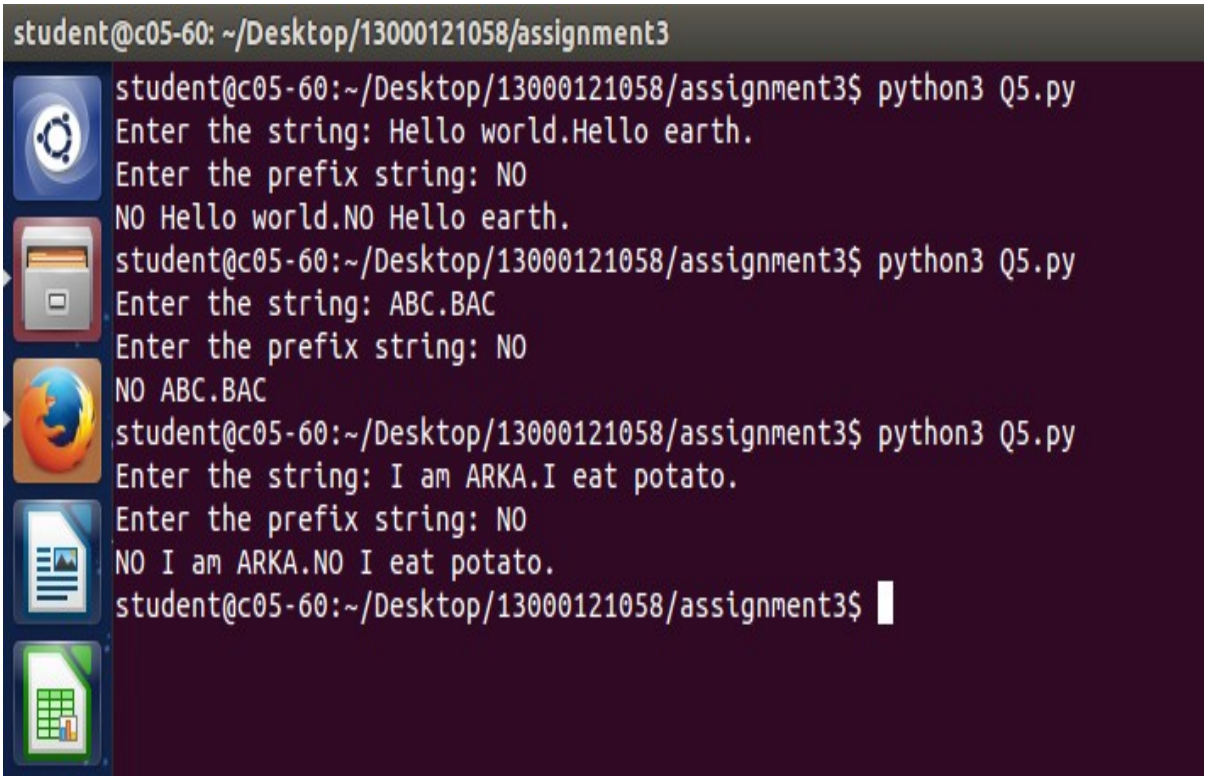
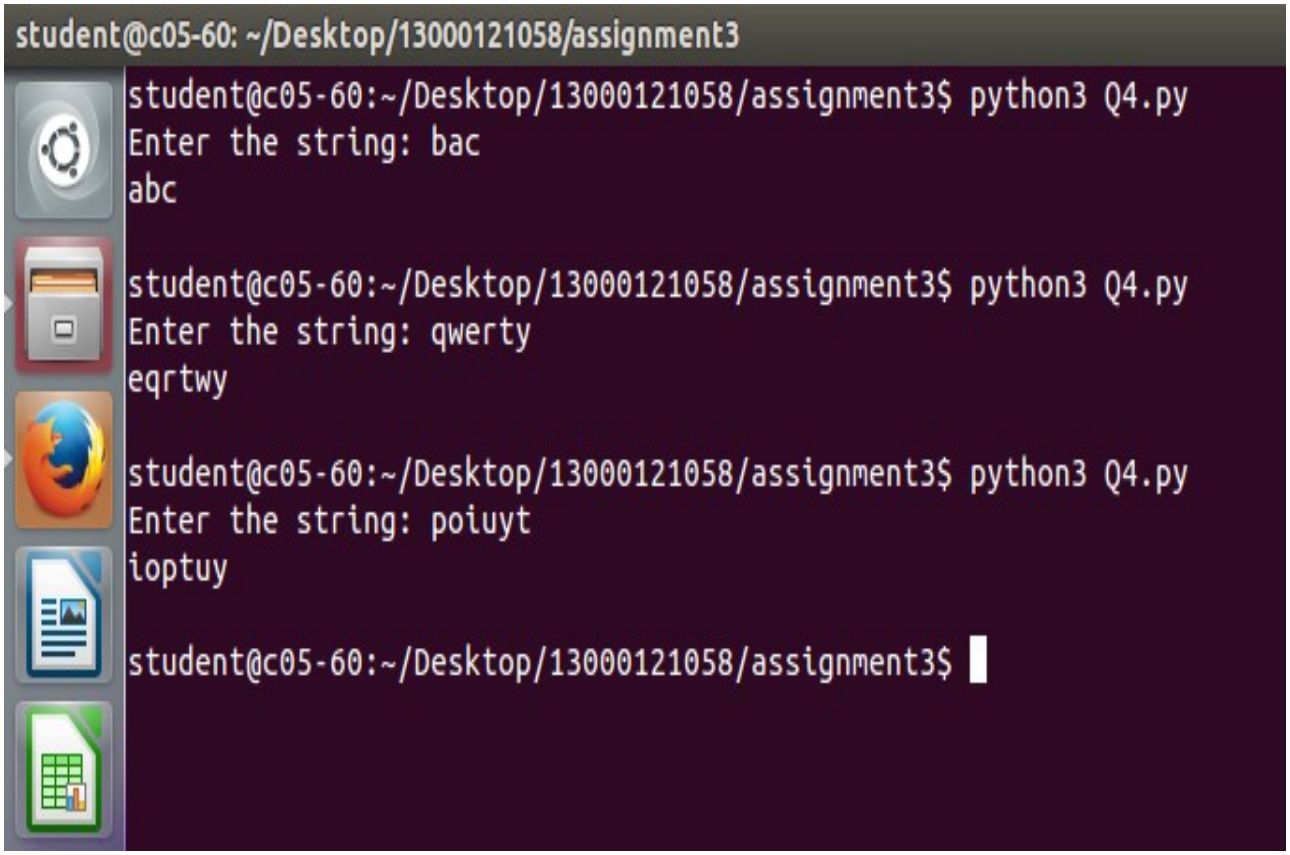
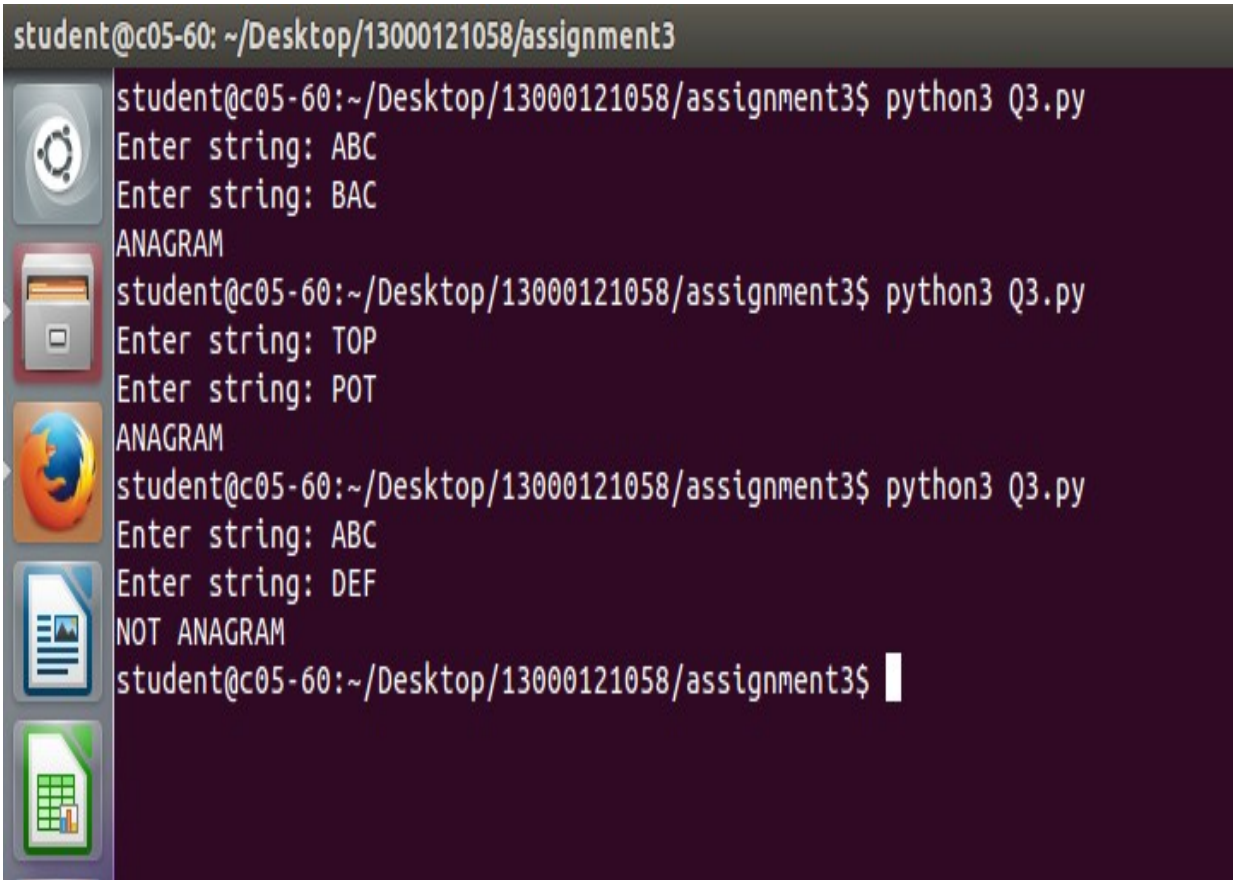
OUTPUT


student@c05-60: ~/Desktop/13000121058/assignment3
student@c05-60:~/Desktop/13000121058/assignment3$ python3 Q5.py
Enter the string: Hello world.Hello earth.
Enter the prefix string: NO
NO Hello world.NO Hello earth.
student@c05-60:~/Desktop/13000121058/assignment3$ python3 Q5.py
Enter the string: ABC.BAC
Enter the prefix string: NO
NO ABC.BAC
student@c05-60:~/Desktop/13000121058/assignment3$ python3 Q5.py
Enter the string: I am ARKA.I eat potato.
Enter the prefix string: NO
NO I am ARKA.NO I eat potato.
student@c05-60:~/Desktop/13000121058/assignment3$

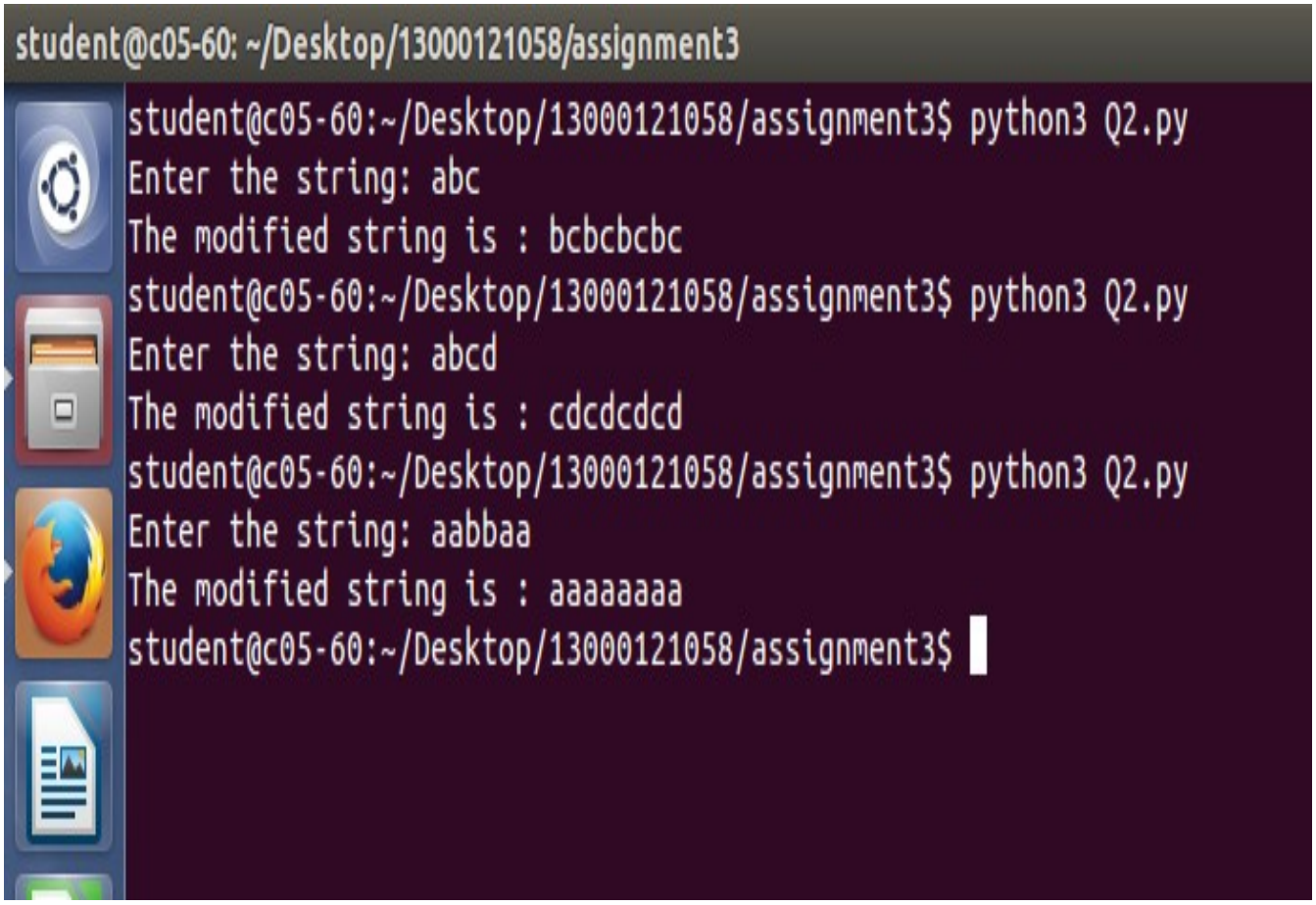
OUTPUT


student@c05-60: ~/Desktop/13000121058/assignment3
student@c05-60:~/Desktop/13000121058/assignment3$ python3 Q4.py
Enter the string: bac
abc
student@c05-60:~/Desktop/13000121058/assignment3$ python3 Q4.py
Enter the string: qwerty
eqrtwy
student@c05-60:~/Desktop/13000121058/assignment3$ python3 Q4.py
Enter the string: poiuyt
ioptuy
student@c05-60:~/Desktop/13000121058/assignment3$

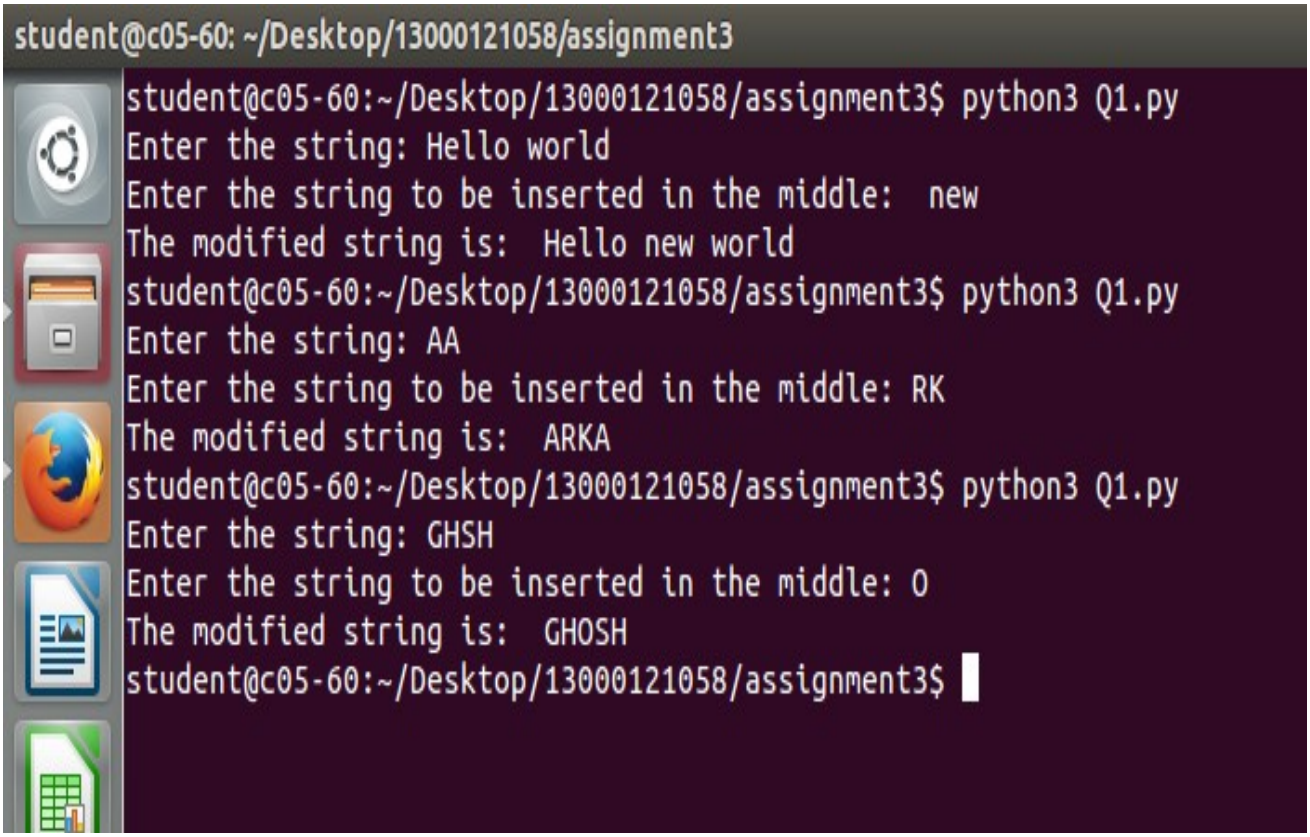
OUTPUT


student@c05-60: ~/Desktop/13000121058/assignment3
student@c05-60:~/Desktop/13000121058/assignment3$ python3 Q3.py
Enter string: ABC
Enter string: BAC
ANAGRAM
student@c05-60:~/Desktop/13000121058/assignment3$ python3 Q3.py
Enter string: TOP
Enter string: POT
ANAGRAM
student@c05-60:~/Desktop/13000121058/assignment3$ python3 Q3.py
Enter string: ABC
Enter string: DEF
NOT ANAGRAM
student@c05-60:~/Desktop/13000121058/assignment3$

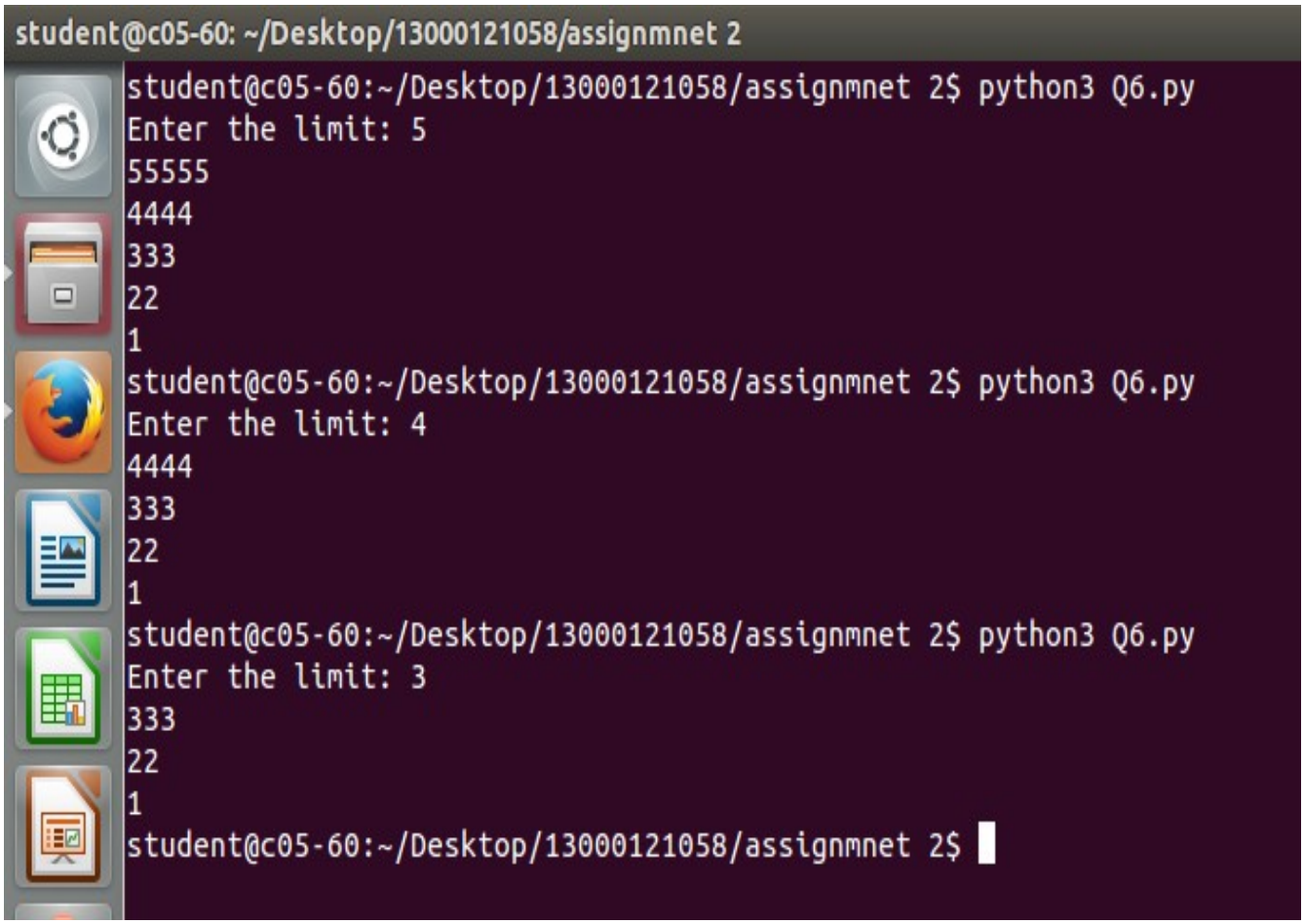
OUTPUT


student@c05-60: ~/Desktop/13000121058/assignment3
student@c05-60:~/Desktop/13000121058/assignment3$ python3 Q2.py
Enter the string: abc
The modified string is : bcbcbcbc
student@c05-60:~/Desktop/13000121058/assignment3$ python3 Q2.py
Enter the string: abcd
The modified string is : cdcdcdcd
student@c05-60:~/Desktop/13000121058/assignment3$ python3 Q2.py
Enter the string: aabbaa
The modified string is : aaaaaaaa
student@c05-60:~/Desktop/13000121058/assignment3$

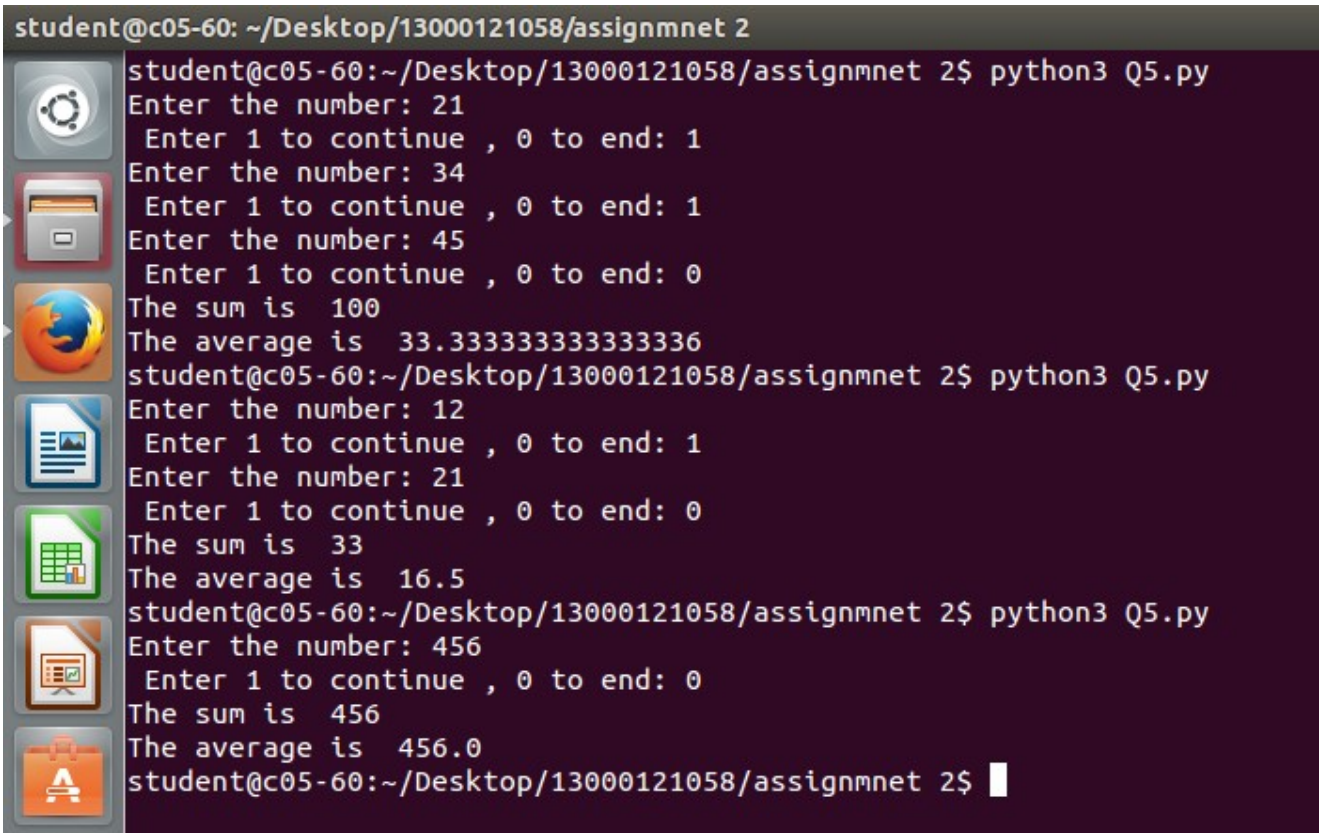
OUTPUT


student@c05-60: ~/Desktop/13000121058/assignment3
student@c05-60:~/Desktop/13000121058/assignment3$ python3 Q1.py
Enter the string: Hello world
Enter the string to be inserted in the middle: new
The modified string is: Hello new world
student@c05-60:~/Desktop/13000121058/assignment3$ python3 Q1.py
Enter the string: AA
Enter the string to be inserted in the middle: RK
The modified string is: ARKA
student@c05-60:~/Desktop/13000121058/assignment3$ python3 Q1.py
Enter the string: GHSH
Enter the string to be inserted in the middle: O
The modified string is: GHOSH
student@c05-60:~/Desktop/13000121058/assignment3$

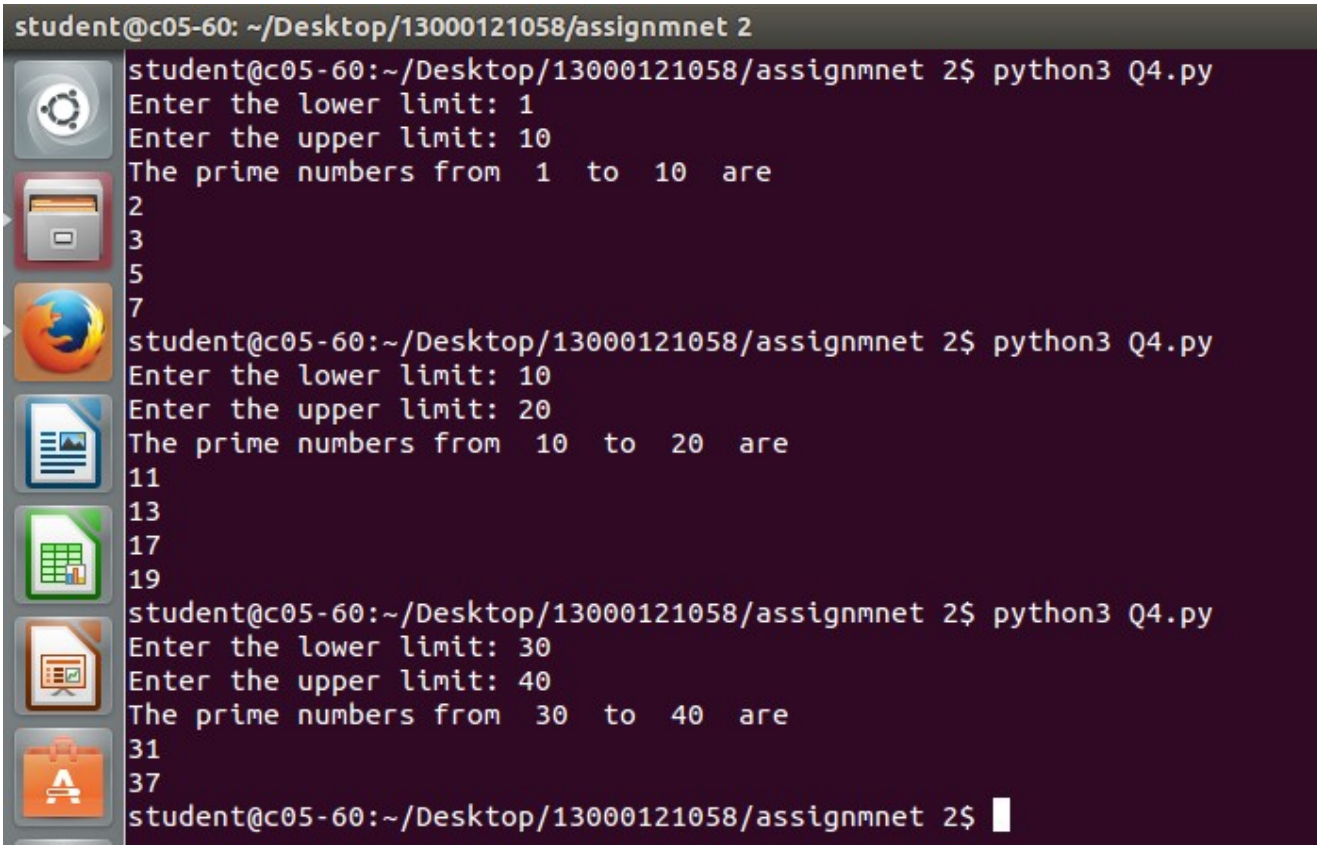
OUTPUT


student@c05-60: ~/Desktop/13000121058/assignmnet 2
student@c05-60:~/Desktop/13000121058/assignmnet 2$ python3 Q6.py
Enter the limit: 5
55555
4444
333
22
1
student@c05-60:~/Desktop/13000121058/assignmnet 2$ python3 Q6.py
Enter the limit: 4
4444
333
22
1
student@c05-60:~/Desktop/13000121058/assignmnet 2$ python3 Q6.py
Enter the limit: 3
333
22
1
student@c05-60:~/Desktop/13000121058/assignmnet 2$

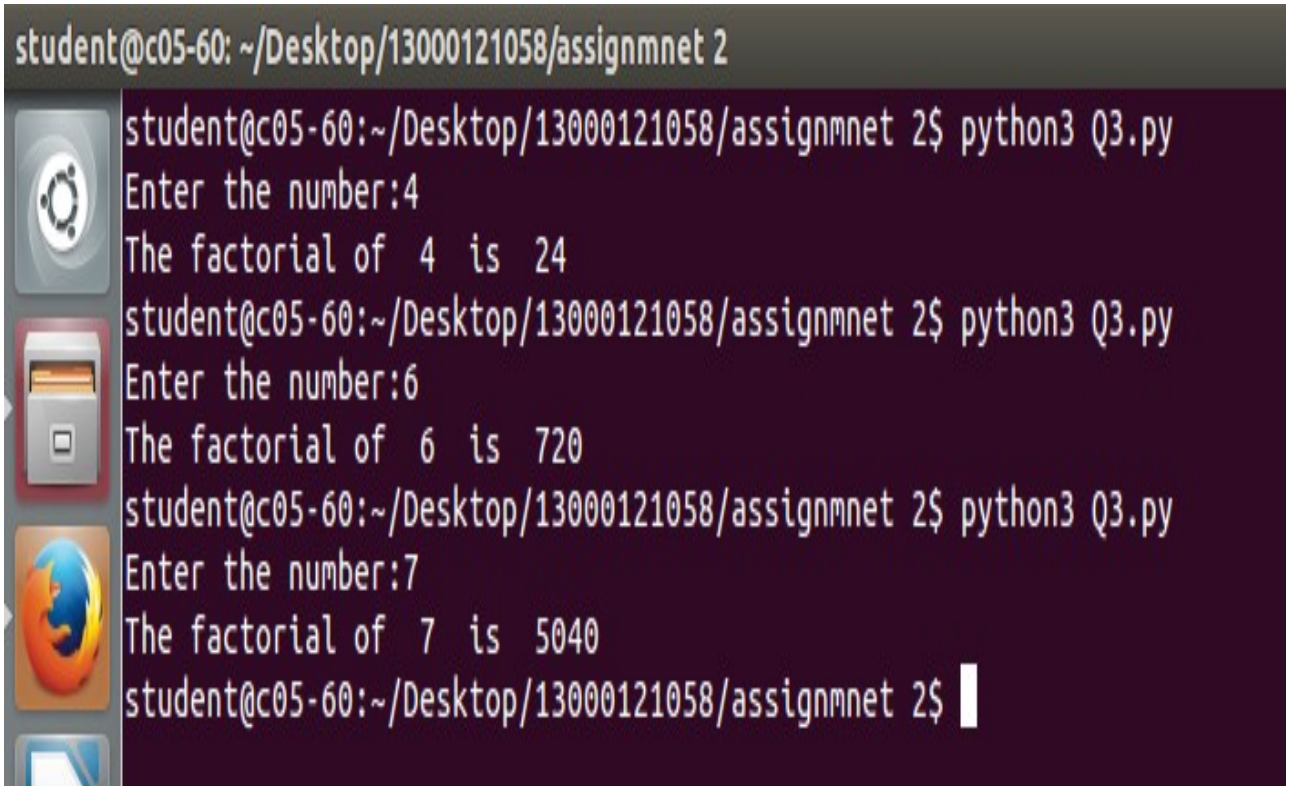
OUTPUT


student@c05-60: ~/Desktop/13000121058/assignmnet 2
student@c05-60:~/Desktop/13000121058/assignmnet 2$ python3 Q5.py
Enter the number: 21
Enter 1 to continue , 0 to end: 1
Enter the number: 34
Enter 1 to continue , 0 to end: 1
Enter the number: 45
Enter 1 to continue , 0 to end: 0
The sum is 100
The average is 33.333333333333336
student@c05-60:~/Desktop/13000121058/assignmnet 2$ python3 Q5.py
Enter the number: 12
Enter 1 to continue , 0 to end: 1
Enter the number: 21
Enter 1 to continue , 0 to end: 0
The sum is 33
The average is 16.5
student@c05-60:~/Desktop/13000121058/assignmnet 2$ python3 Q5.py
Enter the number: 456
Enter 1 to continue , 0 to end: 0
The sum is 456
The average is 456.0
student@c05-60:~/Desktop/13000121058/assignmnet 2$

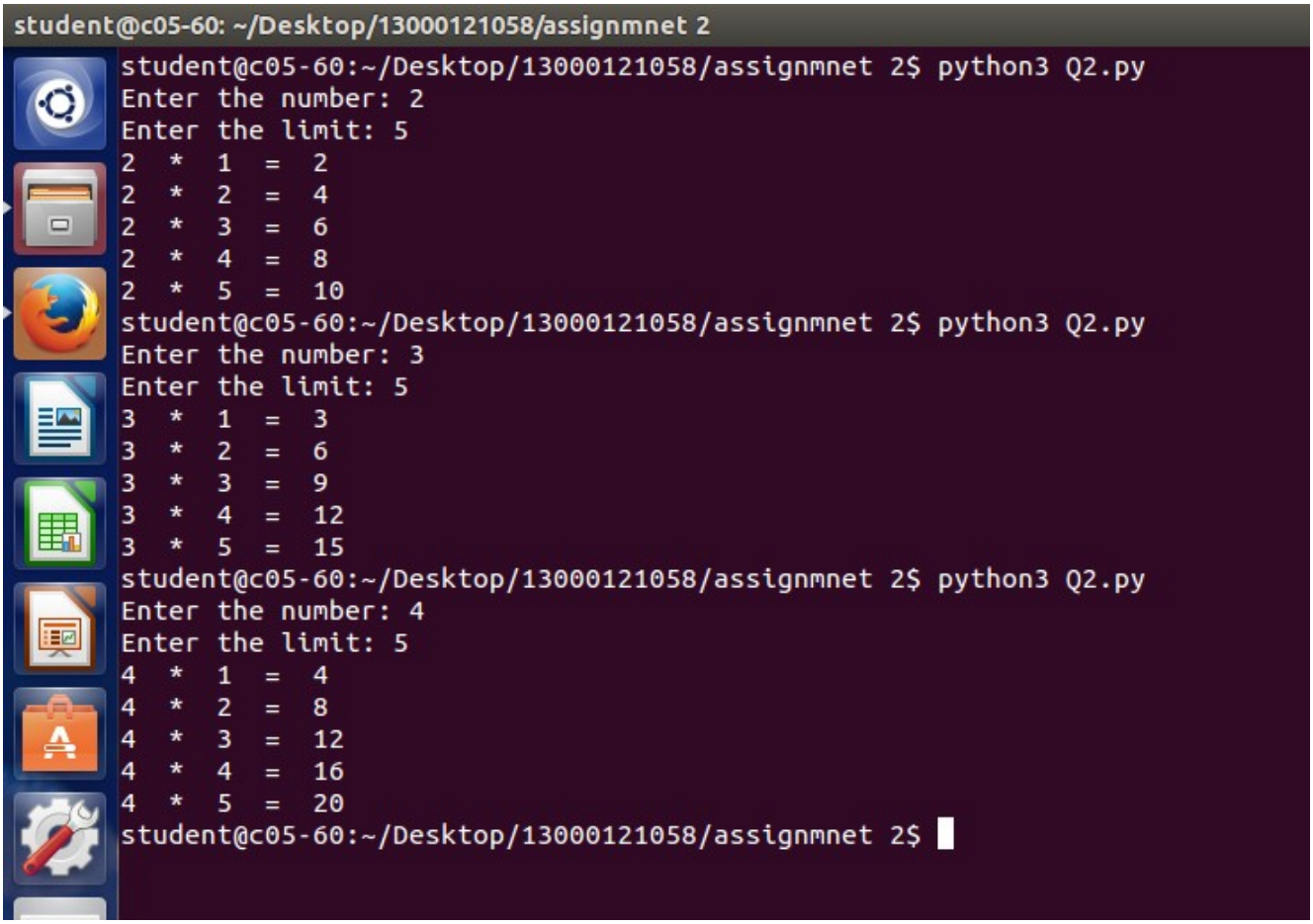
OUTPUT


student@c05-60: ~/Desktop/13000121058/assignmnet 2
student@c05-60:~/Desktop/13000121058/assignmnet 2$ python3 Q4.py
Enter the lower limit: 1
Enter the upper limit: 10
The prime numbers from 1 to 10 are
2
3
5
7
student@c05-60:~/Desktop/13000121058/assignmnet 2$ python3 Q4.py
Enter the lower limit: 10
Enter the upper limit: 20
The prime numbers from 10 to 20 are
11
13
17
19
student@c05-60:~/Desktop/13000121058/assignmnet 2$ python3 Q4.py
Enter the lower limit: 30
Enter the upper limit: 40
The prime numbers from 30 to 40 are
31
37
student@c05-60:~/Desktop/13000121058/assignmnet 2$

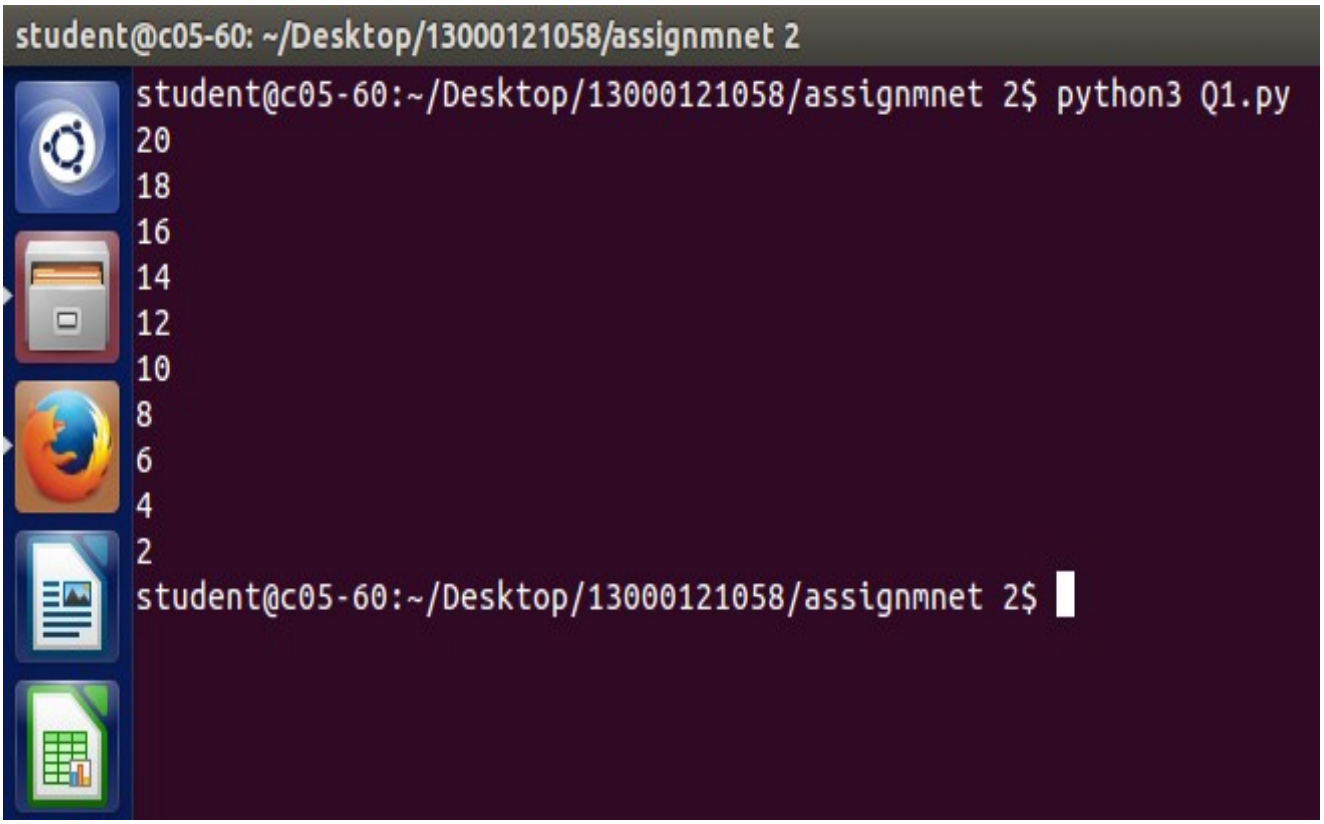
OUTPUT


student@c05-60: ~/Desktop/13000121058/assignmnet 2
student@c05-60:~/Desktop/13000121058/assignmnet 2$ python3 Q3.py
Enter the number:4
The factorial of 4 is 24
student@c05-60:~/Desktop/13000121058/assignmnet 2$ python3 Q3.py
Enter the number:6
The factorial of 6 is 720
student@c05-60:~/Desktop/13000121058/assignmnet 2$ python3 Q3.py
Enter the number:7
The factorial of 7 is 5040
student@c05-60:~/Desktop/13000121058/assignmnet 2$

OUTPUT


student@c05-60: ~/Desktop/13000121058/assignmnet 2
student@c05-60:~/Desktop/13000121058/assignmnet 2$ python3 Q2.py
Enter the number: 2
Enter the limit: 5
2 * 1 = 2
2 * 2 = 4
2 * 3 = 6
2 * 4 = 8
2 * 5 = 10
student@c05-60:~/Desktop/13000121058/assignmnet 2$ python3 Q2.py
Enter the number: 3
Enter the limit: 5
3 * 1 = 3
3 * 2 = 6
3 * 3 = 9
3 * 4 = 12
3 * 5 = 15
student@c05-60:~/Desktop/13000121058/assignmnet 2$ python3 Q2.py
Enter the number: 4
Enter the limit: 5
4 * 1 = 4
4 * 2 = 8
4 * 3 = 12
4 * 4 = 16
4 * 5 = 20
student@c05-60:~/Desktop/13000121058/assignmnet 2$

OUTPUT


student@c05-60: ~/Desktop/13000121058/assignmnet 2
student@c05-60:~/Desktop/13000121058/assignmnet 2$ python3 Q1.py
20
18
16
14
12
10
8
6
4
2
student@c05-60:~/Desktop/13000121058/assignmnet 2$