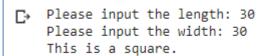
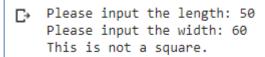
## Exercise 2

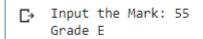
1. Develop a program to obtain the value of length and width from a rectangle, and check if it is a square or not.

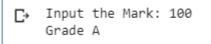




2. Develop a program to ask user input marks and print the corresponding grade according to the following grading system.

Mark above	Grade
0	U
40	F
50	Е
60	D
70	С
80	В
90	A





3. By using looping, develop a program to sum the first *n* positive integers.

```
Input a number: 5
The sum for first 5 positive integer is: 15
```

4. Develop a program to find those numbers which are divisible by 7 and multiple of 5 within the user input range.

```
Input the Number From: 1000
Input the Number To: 1200
The number divisible by 7 and multiple of 5 within 1000 - 1200
1015
1050
1085
1120
1155
1190
```

5. Develop a program to find out all prime numbers within user input range.

A prime number is a whole number that cannot be made by multiplying other whole numbers. For example: 6 is not a prime number because it can be made by  $2\times3 = 6$ , 37 is a prime number because no other whole numbers multiply together to make it.

```
Input a number: 20
The prime number within 20 are:
2
3
5
7
11
13
17
```