

**Started on** Saturday, 9 August 2025, 1:58 PM

**State** Finished

**Completed on** Saturday, 9 August 2025, 2:12 PM

**Time taken** 14 mins 5 secs

**Grade** 100.00 out of 100.00

Question **1**

Correct

Mark 20.00 out of 20.00

Python Program to count the number of digits in a number.

**For example:**

Input	Result
2187	The number of digits in the number are: 4

**Answer:** (penalty regime: 0 %)

```
1 n=int(input())
2 char=str(n)
3 print("The number of digits in the number are:",len(char))
```

	Input	Expected	Got	
✓	2187	The number of digits in the number are: 4	The number of digits in the number are: 4	✓
✓	123	The number of digits in the number are: 3	The number of digits in the number are: 3	✓
✓	42256	The number of digits in the number are: 5	The number of digits in the number are: 5	✓

Passed all tests! ✓

**Correct**

Marks for this submission: 20.00/20.00.

Question **2**

Correct

Mark 20.00 out of 20.00

Write a function which takes two arguments: a and b and returns the addition of them: a+b. Assign it to a variable named: f. using python

**For example:**

Input	Result
5 10	15

**Answer:** (penalty regime: 0 %)

```
1 def sum(a,b):  
2     f=a+b  
3     return f  
4 a=int(input())  
5 b=int(input())  
6 print(sum(a,b))
```

	Input	Expected	Got	
✓	5 10	15	15	✓
✓	11 10	21	21	✓

Passed all tests! ✓

**Correct**

Marks for this submission: 20.00/20.00.

## Question 3

Correct

Mark 20.00 out of 20.00

Python Program to print square pattern of numbers. Get the input for the number of rows.

For example:

Input	Result
5	1 2 3 4 5 2 2 3 4 5 3 3 3 4 5 4 4 4 4 5 5 5 5 5 5

Answer: (penalty regime: 0 %)

```

1 | n=int(input())
2 | for i in range(1,n+1):
3 |     for j in range(1,n+1):
4 |         if(i>=j):
5 |             print(i,end=" ")
6 |         else:
7 |             print(j,end=" ")
8 |     print()

```

	Input	Expected	Got	
✓	5	1 2 3 4 5 2 2 3 4 5 3 3 3 4 5 4 4 4 4 5 5 5 5 5 5	1 2 3 4 5 2 2 3 4 5 3 3 3 4 5 4 4 4 4 5 5 5 5 5 5	✓
✓	4	1 2 3 4 2 2 3 4 3 3 3 4 4 4 4 4	1 2 3 4 2 2 3 4 3 3 3 4 4 4 4 4	✓
✓	9	1 2 3 4 5 6 7 8 9 2 2 3 4 5 6 7 8 9 3 3 3 4 5 6 7 8 9 4 4 4 4 5 6 7 8 9 5 5 5 5 5 6 7 8 9 6 6 6 6 6 6 7 8 9 7 7 7 7 7 7 7 8 9 8 8 8 8 8 8 8 8 9 9 9 9 9 9 9 9 9 9	1 2 3 4 5 6 7 8 9 2 2 3 4 5 6 7 8 9 3 3 3 4 5 6 7 8 9 4 4 4 4 5 6 7 8 9 5 5 5 5 5 6 7 8 9 6 6 6 6 6 6 7 8 9 7 7 7 7 7 7 7 8 9 8 8 8 8 8 8 8 8 9 9 9 9 9 9 9 9 9 9	✓

Passed all tests! ✓

Correct

Marks for this submission: 20.00/20.00.

Question **4**

Correct

Mark 20.00 out of 20.00

Write a python program to define a function that accepts 3 values and return its average

**For example:**

Test	Input	Result
result(a,b,c)	10 20 30	average is 20.0

**Answer:** (penalty regime: 0 %)

Reset answer

```
1 def result(a,b,c):  
2     d=(a+b+c)/3  
3     print("average is",(d))  
4 a=int(input())  
5 b=int(input())  
6 c=int(input())  
7
```

	Test	Input	Expected	Got	
✓	result(a,b,c)	10 20 30	average is 20.0	average is 20.0	✓
✓	result(a,b,c)	60 30 20	average is 36.666666666666664	average is 36.666666666666664	✓

Passed all tests! ✓

Correct

Marks for this submission: 20.00/20.00.

## Question 5

Correct

Mark 20.00 out of 20.00

Write a python program to print the result of the following expression as true or false.

a = (1 == True)

b = (0== False)

c = True + 5

d = False + 9

For example:

Result
a is True
b is True
c: 6
d: 9

Answer: (penalty regime: 0 %)

```
1 a = (1 == True)
2 b = (0== False)
3 c = True + 5
4 d = False + 9
5 print("a is",a)
6 print("b is",b)
7 print("c:",c)
8 print("d:",d)
9
```

	Expected	Got	
✓	a is True b is True c: 6 d: 9	a is True b is True c: 6 d: 9	✓

Passed all tests! ✓

Correct

Marks for this submission: 20.00/20.00.