Started on	Thursday, 7 March 2024, 3:34 PM
State	Finished
Completed on	Thursday, 7 March 2024, 4:01 PM
Time taken	26 mins 42 secs
Grade	**80.00** out of 100.00

Question **1**

Not answered

Mark 0.00 out of 20.00

Write a Python Program to build pascal triangle using numbers .Get the number of rows as input .

For example:

Input	Result
7	1
	1 1
	1 2 1
	1 3 3 1
	1 4 6 4 1
	1 5 10 10 5 1
	1 6 15 20 15 6 1

Answer: (penalty regime: 0 %)

```
1
```

Question **2**

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 = (1 == False)

c = True + 3

d = False + 7

For example:

Result
a is True b is False c: 4 d: 7

Answer: (penalty regime: 0 %)

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

	Expected	Got	
✔	a is True b is False c: 4 d: 7	a is True b is False c: 4 d: 7	✔

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 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  a = input()
2  b = len (a)
3
4  print("The number of digits in the number are:",b)
```

	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 **4**

Correct

Mark 20.00 out of 20.00

Write a function which takes three arguments: a and b and c and returns the multiplication of them: a*b*c. Assign it to a variable named: f. using python

For example:

Input	Result
10 20 30	6000

Answer: (penalty regime: 0 %)

```
1  def multi(a,b,c):
2      k=a*b*c
3      print(k)
4
5  a=int(input())
6  b=int(input())
7  c=int(input())
8  multi(a,b,c)
9
```

	Input	Expected	Got	
✔	10 20 30	6000	6000	✔
✔	2 3 5	30	30	✔

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 define a function named "result" that accepts 2 values and return its sum, subtraction and multiplication.

For example:

Test	Input	Result
result(a,b)	10 20	Sum is 30,Sub is -10,&Multiply is 200

Answer: (penalty regime: 0 %)

[Reset answer]

```
1  def result(a,b):
2      sum = a+b
3      sub = a-b
4      multi = a*b
5
6      print(f"Sum is {sum},Sub is {sub},&Multiply is {multi}")
7
8  a=int(input())
9  b=int(input())
10
```

	Test	Input	Expected	Got	
✔	result(a,b)	10 20	Sum is 30,Sub is -10,&Multiply is 200	Sum is 30,Sub is -10,&Multiply is 200	✔
✔	result(a,b)	85 63	Sum is 148,Sub is 22,&Multiply is 5355	Sum is 148,Sub is 22,&Multiply is 5355	✔

Passed all tests! ✔

[Correct]

Marks for this submission: 20.00/20.00.