
Started on	Friday, 6 December 2024, 1:54 PM
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State	Finished
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Completed on	Friday, 6 December 2024, 2:38 PM
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Time taken	43 mins 45 secs
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Grade	80.00 out of 100.00
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Question **1**

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 a=int(input())
2 b=int(input())
3 def sum(a,b):
4     f=a+b
5     return f
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 **2**

Incorrect

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 |
2 | def generate(n):
3 |     res=[]
4 |     for i in range(n - 1):
5 |         temp= [0]+ res[-1]+[0]
6 |         row=[]
7 |         for j in range(len(res[res-1])+1):
8 |             row.append(temp[j]+temp[j+1])
9 |         res.append(row)
10 |     return res
11 | n=int(input())
12 | generate(n)
```



	Input	Expected	Got	
✖	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	***Run error*** Traceback (most recent call last): File "__tester__.python3", line 12, in <module> generate(n) File "__tester__.python3", line 7, in generate for j in range(len(res[res-1])+1): TypeError: unsupported operand type(s) for -: 'list' and 'int'	✖

Testing was aborted due to error.

Your code must pass all tests to earn any marks. Try again.

Show differences

Incorrect

Marks for this submission: 0.00/20.00.



Question **3**

Correct

Mark 20.00 out
of 20.00

Write a python program to print the account balance after withdrawal.

initial balance=5000

For example:

Input	Result
10000	Insufficient balance

Answer: (penalty regime: 0 %)

```
1 n=float(input())
2 if n>5000:
3     print("Insufficient balance")
4 else:
5     amt=5000-n
6     print(f"Account Balance: {amt:.0f}")
7
8
9
```

	Input	Expected	Got	
✓	10000	Insufficient balance	Insufficient balance	✓
✓	3000	Account Balance: 2000	Account Balance: 2000	✓

Passed all tests! ✓

Correct

Marks for this submission: 20.00/20.00.

Question **4**

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 str=str(n)
3 num=len(str)
4 print(f"The number of digits in the number are: {num}")
5
```


	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 **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     mult=a*b
5     print(f"Sum is {sum},Sub is {sub},&Multiply is {mult}")
6 a=int(input())
7 b=int(input())
8
9
10
11 #Write your code here
```

	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.