
Started on Friday, 1 March 2024, 2:16 PM

State Finished

Completed on Friday, 1 March 2024, 2:34 PM

Time taken 18 mins 36 secs

Grade **100.00** out of 100.00

Question 1

Correct

Mark 20.00 out of 20.00

Write a python program to define a function named "result" that accepts 3 values and return its multiplication.

For example:

Test	Input	Result
result(a,b,c)	85 63 90	Multiply is 481950

Answer: (penalty regime: 0 %)

```

1 def result(a,b,c):
2     return a*b*c
3 a=int(input())
4 b=int(input())
5 c=int(input())
6 print("Multiply is",result(a,b,c))

```

	Test	Input	Expected	Got	
✓	result(a,b,c)	10 20 30	Multiply is 6000	Multiply is 6000	✓
✓	result(a,b,c)	85 63 90	Multiply is 481950	Multiply is 481950	✓

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 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 mult(a,b,c):
2     k=a*b*c
3     return k
4 a=int(input())
5 b=int(input())
6 c=int(input())
7 f=mult(a,b,c)
8 print(f)
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 **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 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

Let's say you are given a time and you have to tell what phase of the day it is- (morning, noon, afternoon, evening or night). You will have to check the given time against multiple ranges of time within which each of the 5 phases lies. Therefore, the following conditions:

1. **Morning:** 0600 to 1159
2. **Noon:** 1200
3. **Afternoon:** 1201 to 1700
4. **Evening:** 1701 to 2000
5. **Night:** (time > 2000) and (time < 2400)) or ((time >= 0) and (time < 600))

Write a python program for problem statement given above.

For example:

Input	Result
730	Morning

Answer: (penalty regime: 0 %)

```

1 a=int(input())
2 if a>600 and a<1159:
3     print("Morning")
4 elif a==1200:
5     print("Noon")
6 elif a>1201 and a<1700:
7     print("Afternoon")
8 elif a>1701 and a<2000:
9     print("Evening")
10 elif ((a > 2000) and (a < 2400)) or ((a >= 0) and (a < 600)):
11     print("Night")

```

	Input	Expected	Got	
✓	730	Morning	Morning	✓
✓	1300	Afternoon	Afternoon	✓

Passed all tests! ✓

Correct

Marks for this submission: 20.00/20.00.

Question 5

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 a=int(input())
2 for i in range (1,a+1):
3     for j in range (1,a+1):
4         if i<=j:
5             print(j,end=" ")
6         else:
7             print(i,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.