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 %)

```
def result(a,b,c):
    return a*b*c
a=int(input())
b=int(input())
c=int(input())
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 %)

```
def mult(a,b,c):
    k=a*b*c
    return k
a=int(input())
b=int(input())
c=int(input())
f=mult(a,b,c)
print(f)

```

	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 %)

```
a=input()
b=len (a)
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 %)

```
a=int(input())
if a>600 and a<1159:
    print("Morning")
elif a==1200:
    print("Noon")
elif a>1201 and  a<1700:
    print("Afternoon")
elif a>1701 and a<2000:
    print("Evening")
elif ((a > 2000) and (a < 2400)) or ((a >= 0) and (a < 600)):
    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 %)

```
a=int(input())
for i in range (1,a+1):
    for j in range (1,a+1):
        if i<=j:
            print(j,end=" ")
        else:
            print(i,end=" ")
    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.