Started on Wednesday, 21 February 2024, 10:57 AM

State Finished

Completed on Wednesday, 21 February 2024, 11:10 AM

Time taken 12 mins 4 secs

Grade 80.00 out of 100.00

Question **1**

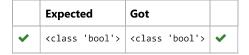
Correct

Mark 20.00 out of 20.00

A variable holds a value False. print the type of the variable.

Answer: (penalty regime: 0 %)

```
1 a= False
2 print(type(a))
```



Passed all tests! 🗸

Correct

Question **2**Correct

Write a python program to determine traffic status based on the fraction of roadways covered.

The variable traffic_fraction

>0.5 high traffic

Mark 20.00 out of 20.00

>0.25 and <=0.5 medium traffic

<0.25 Low Traffic

For example:

Input	Result		
0.8	High Traffic!		

Answer: (penalty regime: 0 %)

```
1    a = eval(input())
2    if a > 0.5:
3         print('High Traffic!')
4    elif a > 0.25 and a <= 0.5:
5         print('Medium Traffic')
6    else:
7         print('Low Traffic')</pre>
```

	Input	Expected	Got	
~	0.8	High Traffic!	High Traffic!	~
~	0.3	Medium Traffic	Medium Traffic	~
~	0.1	Low Traffic	Low Traffic	~

Passed all tests! 🗸

Correct

Question 3
Correct
Mark 20.00 out of 20.00

Write a python program to perform bitwise and or on the given integer values.

For example:

Input	Result
4	4
5	5

Answer: (penalty regime: 0 %)

```
1 | a=int(input())
2 | b=int(input())
3 | c=a&b
4 | d=a|b
5 | print(c)
6 | print(d)
```

	Input	Expected	Got	
~	4 5	4 5	4 5	~
~	12 16	0 28	0 28	~

Passed all tests! 🗸

Correct

```
Question 4
Incorrect
Mark 0.00 out of 20.00
```

Write a python program to compute and print the percentage and class of students.

Get the total of six subject marks from the user. The Maximum mark for each subject is 100.

```
[above 70% - First Class with Distinction 60-70% - First Class 50-60% - Second Class 35-50% - Passed below 35% - Failed]
```

For example:

	Input	Result
		You have scored 81.67% of marks First Class with Distinction

Answer: (penalty regime: 0 %)

```
a=eval(input())
 1
 2 v if a>70%:
        print('First Class with Distinction')
 3
   elif a>60% and a<70%:
 4 ▼
        print('First Class')
 5
 6 v elif a>50% and a<60%:
 7
       print('Second Class')
 8 v elif a>35% and a<50%:
 9
       print('Passed')
10 v elif a<35%:
       print('Failed')
11
```

Incorrect

```
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 = (False == True)
b = (False== 0)
c = False + True
d = False + 5
```

For example:

```
Result

a is False
b is True
c: 1
d: 5
```

Answer: (penalty regime: 0 %)

```
a = (False == True)
 2
 3
    b = (False== 0)
 4
 5
    c = False + True
 6
 7
    d = False + 5
   print('a is', a)
print('b is', b)
 8
 9
   print('c:',c)
10
11 | print('d:',d)
```

	Expected	Got	
~	a is False b is True c: 1	a is False b is True c: 1	~
	d: 5	d: 5	

Passed all tests! 🗸

Correct