Started on	Wednesday, 18 January 2023, 8:39 AM
State	Finished
Completed on	Wednesday, 18 January 2023, 10:24 AM
Time taken	1 hour 44 mins
Grade	**80.00** out of 100.00

Question **1**

Incorrect

Mark 0.00 out of 20.00

write a python program to implement expression using bitwise and , or, not, ex-or, right shift and left shift operator. Read the values from the user.

For example:

Input	Result
10 4	0 14 -11 14 0 160

Answer: (penalty regime: 0 %)

Ace editor not ready. Perhaps reload page?
Falling back to raw text area.

```
a=input()
b=input()
print(a&&b)
print(a/b)
print(a!b)
print(a/b)
print(a|b)
```

Syntax Error(s)

```
  File "__tester__.python3", line 3
    print(a&&b)
             ^
SyntaxError: invalid syntax
```

Incorrect

Marks for this submission: 0.00/20.00.

Question **2**

Correct

Mark 20.00 out of 20.00

write a python program to check whether two persons name is same or not .print the result in true or false

For example:

Input	Result
wammu kars	False

Answer: (penalty regime: 0 %)

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Falling back to raw text area.

```
name_1=input()
name_2=input()
if(name_1==name_2):
    print(True)
else:
  print(False)
```

	Input	Expected	Got	
✔	wammu kars	False	False	✔
✔	saveetha saveetha	True	True	✔

Passed all tests! ✔

Correct

Marks for this submission: 20.00/20.00.

Question **3**

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 = (11 == True)

b = (5== False)

c = True + 54

d = False + 7

For example:

Result
a is False b is False c: 55 d: 7

Answer: (penalty regime: 0 %)

Ace editor not ready. Perhaps reload page?

Falling back to raw text area.

```
a=(11==True)
b=(5==False)
c=True + 54
d=False + 7
print("a is",a)
print("b is",b)
print("c:",c)
print("d:",d)
```

	Expected	Got	
✔	a is False b is False c: 55 d: 7	a is False b is False c: 55 d: 7	✔

Passed all tests! ✔

Correct

Marks for this submission: 20.00/20.00.

Question **4**

Correct

Mark 20.00 out of 20.00

Write a python program to calculate the amount payable with/without discount based on the given condition.

10 % Discount needs to be applied only if amount purchased is greater than 1000. Get Price of an item and Quantity as inputs.

For example:

Input	Result
100 20	10% discount applicable amount payable: 1800.0

Answer: (penalty regime: 0 %)

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Falling back to raw text area.

```
a=int(input())
b=int(input())
sum = a*b
if(sum>1000):
    tot = sum*(10/100)
    pay = sum - tot
    print("10% discount applicable")
    print('amount payable:',pay)
else:
     print('amount payable:',sum)
```

	Input	Expected	Got	
✔	100 20	10% discount applicable amount payable: 1800.0	10% discount applicable amount payable: 1800.0	✔
✔	10 20	amount payable: 200	amount payable: 200	✔

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 determine traffic status based on the fraction of roadways covered.

The variable traffic_fraction

>0.5 high traffic

>0.25 and <=0.5 medium traffic

<0.25 Low Traffic

For example:

Input	Result
0.8	High Traffic!

Answer: (penalty regime: 0 %)

Ace editor not ready. Perhaps reload page?
Falling back to raw text area.

```
a=float(input())
if(a>0.5):
  print("High Traffic!")
if(a>0.25 and a<=0.5):
  print("Medium Traffic")
if(a<0.25):
  print("Low Traffic")
```

	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

Marks for this submission: 20.00/20.00.