Started on	Friday, 1 March 2024, 9:50 AM
State	Finished
Completed on	Friday, 1 March 2024, 10:09 AM
Time taken	19 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 find the maximum of two float numbers using conditional expression (Ternary).

For example:

Input	Result
5.4 3.21	The maximum of 5.4 and 3.21 is 5.4
-1.5 -2.0	The maximum of -1.5 and -2.0 is -1.5

Answer: (penalty regime: 0 %)

```
1  a=float(input())
2  b=float(input())
3  max= (a if (a>b ) else b)
4  print(f"The maximum of {a} and {b} is", max)
```

	Input	Expected	Got	
✔	5.4 3.21	The maximum of 5.4 and 3.21 is 5.4	The maximum of 5.4 and 3.21 is 5.4	✔
✔	-1.5 -2.0	The maximum of -1.5 and -2.0 is -1.5	The maximum of -1.5 and -2.0 is -1.5	✔

Passed all tests! ✔

Correct

Marks for this submission: 20.00/20.00.

Question **2**

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 = (1 == True)

b = (1 == False)

c = True + 3

d = False + 7

For example:

Result
a is True b is False c: 4 d: 7

Answer: (penalty regime: 0 %)

```
1  a = (1 == True)
2
3  b = (1 == False)
4
5  c = True + 3
6
7  d = False + 7
8
9  print("a is",a)
10 print("b is",b)
11 print("c:",c)
12 print("d:",d)
```

	Expected	Got	
✔	a is True b is False c: 4 d: 7	a is True b is False c: 4 d: 7	✔

Passed all tests! ✔

Correct

Marks for this submission: 20.00/20.00.

Question **3**

Correct

Mark 20.00 out of 20.00

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

Answer: (penalty regime: 0 %)

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

	Expected	Got	
✔	`<class 'bool'>`	`<class 'bool'>`	✔

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 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 %)

```python
1  a=int(input())
2  b=int(input())
3  print(a&b)
4  print(a|b)
5  print(~a)
6  print(a^b)
7  print(a>>b)
8  print(a<<b)
```

	Input	Expected	Got	
✔	10 4	0 14 -11 14 0 160	0 14 -11 14 0 160	✔
✔	15 20	4 31 -16 27 0 15728640	4 31 -16 27 0 15728640	✔

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 find the smallest among three Integer Numbers

For example:

Input	Result
10 54 7	The Smallest of the three a= 10 b= 54 c= 7 is 7

Answer: (penalty regime: 0 %)

```
1  a=int(input())
2  b=int(input())
3  c=int(input())
4  s= a if a<b and a<c else b if  b<a and b<c else c
5  print("The Smallest  of the three a=",a,"b=",b,"c=",c, "is",s)
```

	Input	Expected	Got	
✔	10 54 7	The Smallest of the three a= 10 b= 54 c= 7 is 7	The Smallest of the three a= 10 b= 54 c= 7 is 7	✔
✔	74 56 12	The Smallest of the three a= 74 b= 56 c= 12 is 12	The Smallest of the three a= 74 b= 56 c= 12 is 12	✔

Passed all tests! ✔

Correct

Marks for this submission: 20.00/20.00.