

Started on Saturday, 19 October 2024, 1:15 PM

State Finished

Completed on Saturday, 19 October 2024, 1:29 PM

Time taken 13 mins 50 secs

Grade 100.00 out of 100.00

Question **1**

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 **2**

Correct

Mark 20.00 out of 20.00

Write a Python program to find simple interest, get the principle, time and rate of interest from the user.

For example:

Input	Result
2000.50 5.6 8.5	Simple interest : 952.24

Answer: (penalty regime: 0 %)

```
1 data1=float(input())
2 data2=float(input())
3 data3=float(input())
4 p=format(data1, ".2f")
5 t=format(data2, ".1f")
6 r=format(data3, ".1f")
7 data4=(float(p)*float(r))*(float(t)/100)
8 si=format(data4, ".2f")
9 print("Simple interest :",si)
```

	Input	Expected	Got	
✓	1000 5 9	Simple interest : 450.00	Simple interest : 450.00	✓
✓	2000.50 5.6 8.5	Simple interest : 952.24	Simple interest : 952.24	✓

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 find the largest among three Integer Numbers .

For example:

Input	Result
35 25 65	The largest of the three a= 35 b= 25 c= 65 is 65

Answer: (penalty regime: 0 %)

```

1 a=int(input())
2 b=int(input())
3 c=int(input())
4 if a>b and a>c :
5     print("The largest of the three a= {} b= {} c= {} is {}".format(a,b,c,a))
6 elif b>c :
7     print("The largest of the three a= {} b= {} c= {} is {}".format(a,b,c,b))
8 else:
9     print("The largest of the three a= {} b= {} c= {} is {}".format(a,b,c,c))

```

	Input	Expected	Got	
✓	35 25 65	The largest of the three a= 35 b= 25 c= 65 is 65	The largest of the three a= 35 b= 25 c= 65 is 65	✓
✓	74 56 12	The largest of the three a= 74 b= 56 c= 12 is 74	The largest of the three a= 74 b= 56 c= 12 is 74	✓

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 print the result of the following expression as true or false.

a = (0 == True)

b = (False == False)

c = True + True

d = False + 9

For example:

Result
a is False
b is True
c: 2
d: 9

Answer: (penalty regime: 0 %)

```
1 a=(0==True)
2 b=(1==True)
3 c= True+True
4 d= False+9
5 print("a is {}".format(a))
6 print("b is {}".format(b))
7 print("c:",c)
8 print("d:",d)
```

	Expected	Got	
✓	a is False b is True c: 2 d: 9	a is False b is True c: 2 d: 9	✓

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 minimum of two float numbers using conditional expression (Ternary)

For example:

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

Answer: (penalty regime: 0 %)

```
1 a=float(input())
2 b=float(input())
3 if a<b:
4     print("The minimum of {} and {} is {}".format(a,b,a))
5 else:
6     print("The minimum of {} and {} is {}".format(a,b,b))
```

	Input	Expected	Got	
✓	5.4 3.21	The minimum of 5.4 and 3.21 is 3.21	The minimum of 5.4 and 3.21 is 3.21	✓
✓	-1.5 -2.0	The minimum of -1.5 and -2.0 is -2.0	The minimum of -1.5 and -2.0 is -2.0	✓

Passed all tests! ✓

Correct

Marks for this submission: 20.00/20.00.