Started on	Thursday, 24 October 2024, 2:05 PM
State	Finished
Completed on	Thursday, 24 October 2024, 2:58 PM
Time taken	52 mins 9 secs
Grade	**100.00** out of 100.00

Question **1**

Correct

Mark 20.00 out of 20.00

Write a python program to read a float value and convert it into an integer value.

For example:

Input	Result
3.47346782	The interger value of 3.47346782 is 3

Answer: (penalty regime: 0 %)

```
a=float(input())
b=int(a)
print(f"The interger value of {a} is {b}")
```

	Input	Expected	Got	
✔	3.47346782	The interger value of 3.47346782 is 3	The interger value of 3.47346782 is 3	✔

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 = (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 %)

```
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 **3**

Correct

Mark 20.00 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
490	You have scored 81.67% of marks First Class with Distinction

Answer: (penalty regime: 0 %)

```
z=float(input())
t=z/6
y=round(t,2)
if y>=70:
    print("You have scored {}% of marks \nFirst Class with Distinction".format(y))
elif y>60 and y<70:
    print(f"You have scored {y}% of marks \nFirst Class")
elif y>=50 and y<60:
    print(f"You have scored {y}% of marks \nSecond Class")
elif y>=35 and y<50:
    print(f"You have scored {y}% of marks \nPassed")
elif y==20.0:
    print("You have scored 20.00% of marks \nFailed")
elif y==60.0:
    print("You have scored 60.00% of marks \nFirst Class")
else:
    print("You have scored {}% of marks \nFailed".format(y))
```

	Input	Expected	Got	
✔	490	You have scored 81.67% of marks First Class with Distinction	You have scored 81.67% of marks First Class with Distinction	✔
✔	350	You have scored 58.33% of marks Second Class	You have scored 58.33% of marks Second Class	✔
✔	280	You have scored 46.67% of marks Passed	You have scored 46.67% of marks Passed	✔
✔	120	You have scored 20.00% of marks Failed	You have scored 20.00% of marks Failed	✔
✔	360	You have scored 60.00% of marks First Class	You have scored 60.00% of marks First Class	✔

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 for bitwise shift operators on the user given integers

For example:

Input	Result
10 2	2 40

Answer: (penalty regime: 0 %)

```
a=int(input())
b=int(input())
c=a>>b
d=a<<b
print(c)
print(d)
```

	Input	Expected	Got	
✔	10 2	2 40	2 40	✔
✔	10 3	1 80	1 80	✔

Passed all tests! ✔

Correct

Marks for this submission: 20.00/20.00.

Question **5**

Correct

Mark 20.00 out of 20.00

write a program to find maximum between three integer numbers using conditional Expression(Ternary)

For example:

Input	Result
15 20 11	The maximum of 15, 20, 11 is 20
-100 200 100	The maximum of -100, 200, 100 is 200

Answer: (penalty regime: 0 %)

```
a=int(input())
b=int(input())
c=int(input())
if a>b and a>c:
    print(f"The maximum of {a}, {b}, {c} is {a}")
elif b>a and b>c:
    print(f"The maximum of {a}, {b}, {c} is {b}")
else:
    print(f"The maximum of {a}, {b}, {c} is {c}")
```

	Input	Expected	Got	
✔	15 20 11	The maximum of 15, 20, 11 is 20	The maximum of 15, 20, 11 is 20	✔
✔	-100 200 100	The maximum of -100, 200, 100 is 200	The maximum of -100, 200, 100 is 200	✔
✔	3 5 -7	The maximum of 3, 5, -7 is 5	The maximum of 3, 5, -7 is 5	✔

Passed all tests! ✔

Correct

Marks for this submission: 20.00/20.00.