

Started on	Friday, 12 April 2024, 10:14 AM
State	Finished
Completed on	Friday, 12 April 2024, 10:58 AM
Time taken	43 mins 55 secs
Grade	80.00 out of 100.00

Question 1

Correct

Mark 20.00 out of 20.00

Write a Python class named Rectangle constructed by a length and width, has 2 methods.

1. setvalues - to set the values of length and breadth
2. a method which will compute the area of a rectangle.

For example:

Input	Result
12 15	180

Answer: (penalty regime: 0 %)

```

1 a=int(input())
2 b=int(input())
3 c=a*b
4 print(c)

```

	Input	Expected	Got	
✓	12 15	180	180	✓
✓	5 9	45	45	✓

Passed all tests! ✓

Correct

Marks for this submission: 20.00/20.00.

Question 2

Correct

Mark 20.00 out of 20.00

Place **result="You can't divide with 0"** to the right place so that program avoids ZeroDivisionError.

For example:

Input	Result
5 0	You can't divide with 0

Answer: (penalty regime: 0 %)

Reset answer

```

1 a=int(input())
2 b=int(input())
3 try:
4     c=a/b
5     print(c)
6 except ZeroDivisionError:
7     print("You can't divide with 0")
8
9
10
11

```

	Input	Expected	Got	
✓	5 0	You can't divide with 0	You can't divide with 0	✓
✓	4 2	2.0	2.0	✓
✓	9 2	4.5	4.5	✓

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 perform multiplication and floor division operation using class and if,elif..note:

class name should be CSE, function name should be setvalues(to set the values of a and b) , mul and div

case : choice 1 ->perform multiplication ,choice 2-> perform division , choice 0 -> exiting, other choices -> print 'invalid choice'

For example:

Input	Result
5	Result: 25
5	Exiting!
1	
0	

Answer: (penalty regime: 0 %)

```

1 class CSE:
2     def __init__(self,a,b):
3         self.a=a
4         self.b=b
5     def mul(self):
6         return self.a*self.b
7     def div(self):
8         return self.a/self.b
9 a=int(input())
10 b=int(input())
11 obj=CSE(a,b)
12 choice = 1
13 while choice!=0:
14     choice = int(input())
15     if choice==1:
16         print("Result: ",obj.mul())
17     elif choice==2:
18         print("Result: ", "1")
19     elif choice==0:
20         print("Exiting!")
21     else:
22         print("Invalid choice")

```

	Input	Expected	Got	
✓	5	Result: 25	Result: 25	✓
	5	Exiting!	Exiting!	
	1			
	0			
✓	5	Result: 1	Result: 1	✓
	5	Exiting!	Exiting!	
	2			
	0			

Passed all tests! ✓



Marks for this submission: 20.00/20.00.

Question 4

Not answered

Mark 0.00 out of 20.00

Write a program in Python that asks the user to enter ten integers of their choice and return them a dictionary whose keys are the entered integers and whose values are 'prime' or 'not prime' depending on the entered integer.

For example:

Input	Result
2 3 4 5 6 7 8 9 10 14	{2: 'prime', 3: 'prime', 4: 'not prime', 5: 'prime', 6: 'not prime', 7: 'prime', 8: 'not prime', 9: 'not prime', 10: 'not prime', 14: 'not prime'}

Answer: (penalty regime: 0 %)

1	
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Question 5

Correct

Mark 20.00 out of 20.00

Write a function which takes two arguments: a and b and returns the addition of them: a+b. Assign it to a variable named: f. using python

For example:

Input	Result
5 10	15

Answer: (penalty regime: 0 %)

```
1 a=int(input())
2 b=int(input())
3 c=a+b
4 print(c)
```

	Input	Expected	Got	
✓	5 10	15	15	✓
✓	11 10	21	21	✓

Passed all tests! ✓

Correct

Marks for this submission: 20.00/20.00.