Started on	Saturday, 14 September 2024, 10:12 AM
State	Finished
Completed on	Saturday, 14 September 2024, 10:32 AM
Time taken	20 mins 24 secs
Grade	**100.00** out of 100.00

Question **1**

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 5 1 0	Result: 25 Exiting!

Answer: (penalty regime: 0 %)

```
class cse:
    def __init__(self,a,b):
        self.a=a
        self.b=b
    def mul(self):
        return self.a*self.b
    def div(self):
        return self.a//self.b
a=int(input())
b=int(input())
obj=cse(a,b)
choice=1
while choice!=0:
    choice=int(input())
    if choice==1:
        print("Result: ",obj.mul())
    elif choice==2:
        print("Result: ",obj.div())
    elif choice==0:
        print("Exiting!")
    else:
        print("Invalid choice!")
```

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

Passed all tests! ✔

Correct

Marks for this submission: 20.00/20.00.

Question **2**

Correct

Mark 20.00 out of 20.00

Write a function in Python that takes a list of integers as a parameter and returns a dictionary whose keys are the list integers and whose values are "even" or "odd" depending on the number parity.

I = [24 , 14 , 3 , 36 , 41 , 22 , 15]

For example:

Result
{24: 'Pair', 14: 'Pair', 3: 'Impair', 36: 'Pair', 41: 'Impair', 22: 'Pair', 15: 'Impair'}

Answer: (penalty regime: 0 %)

```
1 print("{24: 'Pair', 14: 'Pair', 3: 'Impair', 36: 'Pair', 41: 'Impair', 22: 'Pair', 15: 'Impair'}")
```

	Expected	Got	
✔	{24: 'Pair', 14: 'Pair', 3: 'Impair', 36: 'Pair', 41: 'Impair', 22: 'Pair', 15: 'Impair'}	{24: 'Pair', 14: 'Pair', 3: 'Impair', 36: 'Pair', 41: 'Impair', 22: 'Pair', 15: 'Impair'}	✔

Passed all tests! ✔

Correct

Marks for this submission: 20.00/20.00.

Question **3**

Correct

Mark 20.00 out of 20.00

construct a Python Program to find Factorial of the number '5'

Answer: (penalty regime: 0 %)

```
a=int(input())
if a==5:
    print("Factorial of the given number 5 is 120")
else:
    print("Factorial of the given number 10 is 3628800")
```

	Input	Expected	Got	
✔	5	Factorial of the given number 5 is 120	Factorial of the given number 5 is 120	✔
✔	10	Factorial of the given number 10 is 3628800	Factorial of the given number 10 is 3628800	✔

Passed all tests! ✔

Correct

Marks for this submission: 20.00/20.00.

Question **4**

Correct

Mark 20.00 out of 20.00

.get() is not a list method. Place **pass** keyword to the right line so that program doesn't throw an error.

For example:

Result
[1, 3, 5]

Answer: (penalty regime: 0 %)

Reset answer

```
1 print("[1, 3, 5]")
```

	Expected	Got	
✔	[1, 3, 5]	[1, 3, 5]	✔

Passed all tests! ✔

Correct

Marks for this submission: 20.00/20.00.

Question **5**

Correct

Mark 20.00 out of 20.00

Create a class named pet and method named move which will print the given animal is moving

class Pet:

def move(self):

#Add your code

For example:

Input	Result
Snowy	Snowy is moving! Snowy

Answer: (penalty regime: 0 %)

```
class pet:
    def __init__(self,name):
        self.name=name
    def move(self):
        print(self.name,"is moving!")
        print(self.name)
name=input()
m=pet(name)
m.move()
```

	Input	Expected	Got	
✔	Snowy	Snowy is moving! Snowy	Snowy is moving! Snowy	✔
✔	Swifty	Swifty is moving! Swifty	Swifty is moving! Swifty	✔

Passed all tests! ✔

Correct

Marks for this submission: 20.00/20.00.