Started on	Tuesday, 23 April 2024, 9:12 AM
State	Finished
Completed on	Tuesday, 23 April 2024, 9:56 AM
Time taken	43 mins 29 secs
Grade	**100.00** out of 100.00

Question **1**

Correct

Mark 20.00 out of 20.00

Write a python program to define a function that accepts 3 values and return its multiplication.

Answer: (penalty regime: 0 %)

```
a=int(input())
b=int(input())
c=int(input())
d=a*b*c
print("Multiply is",d)
```

	Input	Expected	Got	
✔	10 20 30	Multiply is 6000	Multiply is 6000	✔
✔	85 63 90	Multiply is 481950	Multiply is 481950	✔

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 Display the Employee Details

EmpId , Emp Name., and Also Check Valid Employee or Not.

Note : If Employee id > 500000 Valid, Else Invalid

For example:

Input	Result
563421 saveetha	(563421, 'saveetha') Valid Employee

Answer: (penalty regime: 0 %)

```
class detail1:
    def detail1(self,empid,name):
        print(f"({empid}, '{name}')  Valid Employee")
class detail2:
    def detail2(self,empid,name):
        print(f"({empid}, '{name}')  Invalid Employee")
class valid(detail1,detail2):
    def valid(self,empid,name):
        if empid>500000:
            detail1().detail1(empid,name)
        else:
            detail2().detail2(empid,name)
empid=int(input())
name=input()
obj=valid()
obj.valid(empid,name)
```

	Input	Expected	Got	
✔	563421 saveetha	(563421, 'saveetha') Valid Employee	(563421, 'saveetha') Valid Employee	✔
✔	237643 John	(237643, 'John') Invalid Employee	(237643, 'John') Invalid Employee	✔

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 Get the name, age and salary of a person and display using Multilevel inheritance.

For example:

Input	Result
srinivas 24 23456	srinivas 24 23456

Answer: (penalty regime: 0 %)

```
class Parent:
    def __init__(self,name):
        self.name=name
    def getName(self):
        return self.name
class Child(Parent):
    def __init__(self,name,age):
        Parent.__init__(self,name)
        self.age=age
    def getAge(self):
        return self.age
class Grandchild(Child):
    def __init__(self,name,age,sal):
        Child.__init__(self,name,age)
        self.sal=sal
    def getSal(self):
        return self.sal

name=input()
age=int(input())
sal=int(input())
gc = Grandchild(name,age,sal)
```

	Input	Expected	Got	
✔	srinivas 24 23456	srinivas 24 23456	srinivas 24 23456	✔

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 code to calculate the multiplication of two numbers using parameterised constructor.

For example:

Input	Result
5 6	ele 1 = 5 ele 2 = 6 Total = 30

Answer: (penalty regime: 0 %)

```
class mul:
    def __init__(self,a,b):
        self.a=a
        self.b=b
        print("ele 1 =",self.a)
        print("ele 2 =",self.b)
        print("Total  =",self.a*self.b)
a=mul(int(input()),int(input()))
```

	Input	Expected	Got	
✔	5 6	ele 1 = 5 ele 2 = 6 Total = 30	ele 1 = 5 ele 2 = 6 Total = 30	✔

Passed all tests! ✔

Correct

Marks for this submission: 20.00/20.00.

Question **5**

Correct

Mark 20.00 out of 20.00

Add destructor in the following python code.

For example:

Result
Hello World! Hello from the __del__ method.

Answer: (penalty regime: 0 %)

Reset answer

```
class Awesome:

    # some method
    def greetings(self):
        print("Hello World!")
    def __del__(self):
        print("Hello from the __del__ method.")

# object of the class
obj = Awesome()

# calling class method
obj.greetings()
```

	Expected	Got	
✔	Hello World! Hello from the __del__ method.	Hello World! Hello from the __del__ method.	✔

Passed all tests! ✔

Correct

Marks for this submission: 20.00/20.00.