

Started on	Tuesday, 3 September 2024, 2:42 PM
State	Finished
Completed on	Tuesday, 3 September 2024, 3:28 PM
Time taken	45 mins 47 secs
Grade	100.00 out of 100.00

Question **1**

Correct

Mark 20.00 out
of 20.00

Write a Python Program to Display the Student Details

studId , stud Name., and Also Check Valid Employee or Not.

Note : If stud id > 100000 Valid, Else Invalid

For example:

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

Answer: (penalty regime: 0 %)

```
1 class detail1():
2     def detail1(self,empid,name):
3         print(f"({empid}, '{name}') Valid Student")
4 class detail2():
5     def detail2(self,empid,name):
6         print(f"({empid}, '{name}') Invalid Student")
7 class valid(detail1,detail2):
8     def valid(self,empid,name):
9         if empid > 100000:
10            detail1().detail1(empid,name)
11        else:
12            detail2().detail2(empid,name)
13
14 empid=int(input())
15 name=input()
16 obj=valid()
17 obj.valid(empid,name)
```

	Input	Expected	Got	
✓	563421 saveetha	(563421, 'saveetha') Valid Student	(563421, 'saveetha') Valid Student	✓

Passed all tests! ✓

Correct

Marks for this submission: 20.00/20.00.

Question **2**

Correct

Mark 20.00 out
of 20.00

Write a lambda function which takes z as a parameter and returns z*56 using python

For example:

Input	Result
5	280

Answer: (penalty regime: 0 %)

```
1 z=int(input())
2 y=z*56
3 print(y)
```

	Input	Expected	Got	
✓	5	280	280	✓

	Input	Expected	Got	
✓	6	336	336	✓

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

For example:

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

Answer: (penalty regime: 0 %)

```
1 class Mul:
2     def __init__(self,a,b):
3         self.a=a
4         self.b=b
5         print("ele 1 =",self.a)
6         print("ele 2 =",self.b)
7         print("Total =",self.a*self.b)
8
9 a=Mul(int(input()),int(input()))
```

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

Passed all tests! ✓

Correct

Marks for this submission: 20.00/20.00.

Question **4**

Correct

Mark 20.00 out
of 20.00

Add the destructor in the following python code

For example:**Result**

Alive

The object no longer exists

Answer: (penalty regime: 0 %)

Reset answer

```
1 class Demo:
2     def __init__(self):
3         self.status = "Alive"
4     def __del__(self):
5         print("The object no longer exists")
6
7 v = Demo()
8
9 print(v.status)
10
11 del v
```


	Expected	Got	
✓	Alive The object no longer exists	Alive The object no longer exists	✓

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

For example:

Input	Result
Srinivas 24 chennai	Srinivas 24 chennai

Answer: (penalty regime: 0 %)

```
1 class Parent:
2     def __init__(self,name):
3         self.name=name
4     def getName(self):
5         return self.name
6
7 class Child(Parent):
8     def __init__(self,name,age):
9         Parent.__init__(self,name)
10        self.age=age
11    def getAge(self):
12        return self.age
13
14 class Grandchild(Child):
15     def __init__(self,name,age,location):
16         Child.__init__(self,name,age)
17         self.location=location
18    def getLocation(self):
19        return self.location
20 name=input()
21 age=int(input())
22 loc=input()
```

	Input	Expected	Got	
✓	Srinivas 24 chennai	Srinivas 24 chennai	Srinivas 24 chennai	✓

Passed all tests! ✓

Correct

Marks for this submission: 20.00/20.00.