



# FEU INSTITUTE OF TECHNOLOGY

## INTEGRATIVE PROGRAMMING AND TECHNOLOGIES M6 SUMMATIVE TECHNICAL EXAM

### EXERCISE:

The program takes the length and breadth from the user and finds the area of the rectangle using classes.

1. Take the value of length and breadth from the user.
2. Create a class and using a constructor initialise values of that class.
3. Create a method called as area and return the area of the class.
4. Create an object for the class.
5. Using the object, call the method area() with the parameters as the length and breadth taken from the user.
6. Print the area.
7. Exit

### INSTRUCTIONS:

Copy your source codes to be pasted in this document as well as a screen shot of your running output.

*Snip and paste your source codes here. Snip it directly from the IDE so that colors of the codes are preserved for readability. Include additional pages if necessary.*

```
1 class rect():
2     def __init__(self, length, breadth):
3         self.length = length
4         self.breadth = breadth
5     def area(self):
6         return self.length * self.breadth
7
8 length_rec = int(input("Enter length: "))
9 breadth_rec = int(input("Enter breadth: "))
10 obj = rect(length_rec, breadth_rec)
11 print("Area of Rectangle: ", obj.area())
```

Isaiah Rain Camitoc

```
Enter length: 76  
Enter breadth: 92  
Area of Rectangle: 6992
```

Marc Dave Borja

```
Enter length: 15  
Enter breadth: 20  
Area of Rectangle: 300
```

Beatriz Chua Panga

```
Enter length: 99  
Enter breadth: 100  
Area of Rectangle: 9900
```

Elyziel Recalde Uy

```
Enter length: 100  
Enter breadth: 20  
Area of Rectangle: 2000
```

Gift Gazendo

```
Enter length: 24  
Enter breadth: 22  
Area of Rectangle: 528
```