Write a class called Square with the required constructor and methods to get the following output.

**Subtasks**:

1. Create a **class** called Square.

2. Create the required **constructor**. Use **Encapsulation** to protect the variables. Calculate area and assign to a private variable in the constructor. [**Hint:** Assign the variables in **private**]

3. Create **getLength(), getArea()and setLength()** methods to access variables.

4. Create a **class method** called add\_area to add the areas of two squares.

**[You are not allowed to change the code below]**

| ***# Write your code here for subtasks 1-5***    sq1 = Square(10)  print("First Square Length:" , sq1.getLength())  print("First Square Area:" , sq1.getArea())  sq1.setLength(12)  print(“1==============================”)  sq2 = Square(10)  print("First Square Length:" , sq1.getLength())  print("First Square Area:" , sq1.getArea())  print(“2==============================”)  Square.add\_area(sq1,sq2) | **Output:**  First Square Length: 10  First Square Area: 100  1==============================  First Square Length: 12  First Square Area: 100  2==============================  Summation of areas: 200 |
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