1. JUnit\_Basic Testing Exercises

Exercise 3:Assertions in Junit

**SOLUTION**

public class Main {

public static void main(String[] args) { Calculator calc = new Calculator();

// Test add

if (calc.add(4, 5) == 9) {

System.out.println("Add Test Passed");

} else {

System.out.println("Add Test Failed");

}

// Test multiply

if (calc.multiply(3, 4) == 12) {

System.out.println("Multiply Test Passed");

} else {

System.out.println("Multiply Test Failed");

}

// Test greet

String result = calc.greet("Pooja");

if (result != null && result.equals("Hello, Pooja")) { System.out.println("Greet Test Passed");

} else {

System.out.println("Greet Test Failed");

}

}

}

class Calculator {

public int add(int a, int b) { return a + b;

}

public int multiply(int a, int b) { return a \* b;

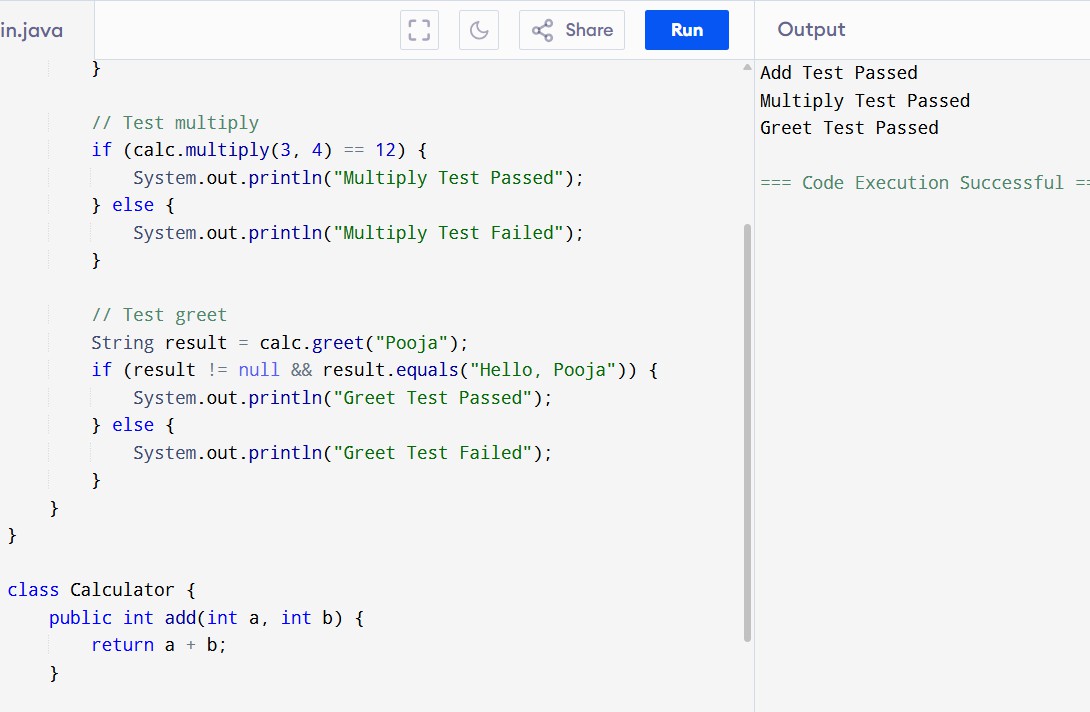
}

public String greet(String name) { return "Hello, " + name;

}

}

**OUTPUT**

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