Hands-on Exercise Objective

After completing the hands-on exercises, you will be able to:

- Develop simple Java program using Switch/Case statement.

Problem Statement:

In the previous activity related to calculate area of circle/triangle and square replace the IF statements with Switch case.

Now Execute the class for the following test cases,

Test Case 1: Specify the following values and run the main method

1. Set the value of numberOfSides as 3 and sideLength as 12.
2. Invoke the method calculateShapeArea ().

Expected Output: The following messages should be displayed in the console

   The Area of the Triangle is 62.3538

Test Case 2: Specify the following values and run the main method

1. Set the value of numberOfSides as 4 and sideLength as 15.
2. Invoke the method calculateShapeArea ().

Expected Output: The following messages should be displayed in the console

   The Area of the Square is 225

Test Case 3: Specify the following values and run the main method

1. Set the value of numberOfSides as 5 and sideLength as 15.
2. Invoke the method calculateShapeArea().

Expected Output: The following messages should be displayed in the console

   No Shapes Present