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| Hands-on Exercise Objective |
| After completing the hands-on exercises, you will be able to:   * Develop simple Java program using Switch/Case statement. |

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| 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 |