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**SWT Lab Task 2**

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Create a program in java to implement Logic to find third angle of a triangle. After that check the triangle type with respect to the angle.

```
import java.util.Scanner;
```

```
public class Main {
```

```
    public static void main(String[] args) {
```

```
        Scanner scanner = new Scanner(System.in);
```

```
        System.out.println("Enter the first angle of the triangle:");
```

```
        int angle1 = scanner.nextInt();
```

```
        System.out.println("Enter the second angle of the triangle:");
```

```
        int angle2 = scanner.nextInt();
```

```
        // Calculate the third angle
```

```
        int angle3 = 180 - angle1 - angle2;
```

```
        // Check the type of triangle
```

```
        if (angle1 == 90 || angle2 == 90 || angle3 == 90) {
```

```
            System.out.println("The triangle is a right-angled triangle.");
```

```
        } else if (angle1 > 90 || angle2 > 90 || angle3 > 90) {
```

```
            System.out.println("The triangle is an obtuse-angled triangle.");
```

```
        } else {
```

```
            System.out.println("The triangle is an acute-angled triangle.");
```

```
        }
```

```
    }
```

```
}
```

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