

```
/**
 * Problem: Calculate sum of two integers
 */

public class Solution {
    public int calculateSum(int a, int b) {
        return a + b;
    }
}

/*
 * Enter the first number:
 * 10
 *
 * Enter the second number:
 * 20
 *
 * The sum of 10 and 20 is:
 * 30
 */
```

```
/**
 * Problem: Calculate product of two integers
 */

public class Solution {
    public int calculateProduct(int a, int b) {
        return a * b;
    }
}

/*
 * Enter the first number:
 * 20
 *
 * Enter the second number:
 * 30
 *
 * The product of 20 and 30 is:
 * 600
 */
```

```
/**
 * Problem: Calculate the area of a circle.
 */

public class Solution {
    public double calculateAreaCircle(float radius) {
        return Math.PI * radius * radius;
    }
}

/*
 * Enter the radius:
 * 12.34
 *
 * The area of the circle with radius 12.34 is:
 * 478.3879181118048
 */
```

```
/**
 * Problem: Calculate the average of 3 numbers.
 */

public class Solution {
    public int calculateAverage(int a, int b, int c) {
        return (a + b + c) / 3;
    }
}

/*
 * Enter the first number:
 * 23
 *
 * Enter the second number:
 * 24
 *
 * Enter the third number:
 * 25
 *
 * The average of 23, 24, and 25 is:
 * 24
 */
```

```
/**
 * Problem: Calculate the area of a square.
 */

public class Solution {
    public int calculateAreaSquare(int side) {
        return side * side;
    }
}

/*
 * Enter the side:
 * 12
 *
 * The area of a square with side 12 is:
 * 144
 */
```