1. Write a method with two double parameters a and b that *computes and prints* the sum of squares: $a^2 + b^2$ of its two parameters. The method should not return anything.

```java
public static void sumSquares(double a, double b) {
    double result = a * a + b * b;
    System.out.println(result);
}
```

2. Assume the method from question 1 is implemented in the same class as your `main()` method. Show how to invoke it from `main()` to compute and print the value of $(3.14)^2 + (-1)^2)$.

```java
sumSquares(3.14, -1);
```

3. Write a method with two double parameters a and b that *computes and returns* the sum of squares: $a^2 + b^2$ of its two parameters.

```java
public static double sumSquares(double a, double b) {
    double result = a * a + b * b;
    return result;
}
```

4. Assume the method from question 3 is implemented in the same class as your `main()` method. Show how to invoke it from `main()` to compute and print the value of $(3.14)^2 + (-1)^2)$.

```java
System.out.println(sumSquares(3.14, -1));
```
1. Write a method called `cube` that accepts one integer parameter and returns that value raised to the third power. (Note: compute the cube by multiplying, eg, x*x*x or use Math.pow(x,y)).

```java
public static int cube(int x)
{
    double result = x * x * x;
    return result;
}
```

2. Assume the method from question 1 is implemented in the same class as your `main()` method. Show how to invoke it from `main()` to compute and print the value of $15^3$.

```java
System.out.println(cube(15));
```

3. Write a method called `cube` that accepts one integer parameter and prints that value raised to the third power. (Note: As in 1, it is ok to compute this by multiplying, eg, x*x*x). The method should not return anything.

```java
public static void cube(int x)
{
    double result = x * x * x;
    System.out.println(result);
}
```

4. Assume the method from question 3 is implemented in the same class as your `main()` method. Show how to invoke it from `main()` to compute and print the value of $15^3$.

```java
(cube(15));
```