

Parameter Lab

Create a new project named param_lab with a new class named ParamLab. Your main method should call each method you write below.

Make sure you use comments and correct java conventions.

1. Create a new method that returns void and has one integer parameter. Cube it in the method and print the result. Call the method in main with an integer variable you created. Now in main print out the parameter that is passed into the method, after you call the method you created. What do you notice? Add a comment in main.
2. Create a new method that returns an integer and has one integer parameter. Cube the parameter in main and return it. Print out the return value in main.
3. Create a new method that returns a double and has two integer parameters. The method will return a random number and add the two parameters with the random number. Print the result in main.
4. Create a new method that returns an integer and has one integer parameter. In your method, it computes the sum of all the numbers between 1 and the number passed into the method. It returns the sum. Print out the sum in the main method.
5. Create two constant **global** variable named ROWS and COLUMNS. Now create a new method that returns void and has no parameters. Create a nested for loop that starts from 0 to ROWS and 0 to COLUMNS. Print a star each time in the nested loop. Make it look like a grid.
6. Create a method that returns an integer without any parameters. Have the method find a random number between 1 and 50 and return that number. Print out the result in main.
7. Create a method that returns a double and doesn't have any parameters. It calls the method created in #3 and returns the double that was returned in method #3. Print the result in main.