```
//computing the sum of two integers given by user

public class AddTwo {
	public static void main(String[] args) {
		//inserting 2 integers input from user into variables num1 and num2
		int num1 = Integer.parseInt(args[0]);
		int num2 = Integer.parseInt(args[1]);

		//calculating sum of the 2 integers
		int sum = num1 + num2;

		System.out.println(num1 + " + " + num2 + " = " + sum);
	}
}
```

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

		//inserting dollar amount in cents from user input into num
		int num = Integer.parseInt(args[0]);

		//calculating how many quarters can be used
		int quarters_count = num/25;

		//calculating how many cents are left after using max amount of quarters
		int cents_count = num%25;

		System.out.println("Use " + quarters_count + " quarters and " + cents_count + " cents");
	}
}
```

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

		// inserting double type coefficients into variables a, b and c
		double a = Integer.parseInt(args[0]);
		double b = Integer.parseInt(args[1]);
		double c = Integer.parseInt(args[2]);

		//the given equation is --> a * X + b = c
		//calculating x
		double x = (c-b)/a;

		System.out.println(a + " * x + " + b + " = " + c);
		System.out.println("x = " + x);
	}
}
```

```
// tests if three given integers form a triangle.

public class Triangle {
	public static void main(String[] args) {

		//inserting lengths into variables a, b and c
		int a = Integer.parseInt(args[0]);
		int b = Integer.parseInt(args[1]);
		int c = Integer.parseInt(args[2]);

		// first, print the asked pattern including the lengths
		// then, print the answer: true or false, whether the given lengths can form a triangle
		System.out.println(a + ", " + b + ", " + c + ": " + (a < (b+c) && b < (a+c) && c < (a+b)));
	}
}
```

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

		//inserting 2 integers given by the user into variables min and max
		int min = Integer.parseInt(args[0]);
		int max = Integer.parseInt(args[1]);

		/* create 3 random numbers which are greater or equal to min and lower then max using
		the Math.random() function */
		int random_num1 = (int)(Math.random()*(max-min)+min);
		int random_num2 = (int)(Math.random()*(max-min)+min);
		int random_num3 = (int)(Math.random()*(max-min)+min);

		// print the 3 random numbers
		System.out.println(random_num1);
		System.out.println(random_num2);
		System.out.println(random_num3);

		// print the smallest number between the 3 using the Math.min() function
		System.out.println("The minimal generated number was " + Math.min(random_num1,
					Math.min(random_num2, random_num3)));
	}
}
```