```
/*
 * Adds two given integers and prints the result in a fancy way.
 */
public class AddTwo
{
	public static void main(String[] args)
	{
		//Gets two numbers
		int a = Integer.parseInt(args[0]);
		int b = Integer.parseInt(args[1]);
		//Prints their addition
	System.out.println(a + " + " + b + " = " + (a+b));
	}
}
```

```
/*
 * Write a program that gets a quantity of cents as a command-line argument.
 * The program prints how to represent this quantity using as many quarters as possible, plus the remainder in cents.
 */
public class Coins {
	public static void main(String[] args)
	{
		//Gets the number of cents
		int totall = Integer.parseInt(args[0]);
		int q = totall / 25;
		int c = totall - (q*25);
		//Prints the biggest quantity of quarters that can be used and the cents that remained
```

```
                System.out.println("Use " +q + " quarters and " + c + " cents");
        }
}
```

```
/*
 * Solves linear equations of the form a·x + b = c.
 * The program gets a, b, and c as command-line arguments,
 * computes x, and prints the result.
 * Treats the three arguments as well as the computed value as double values
 */
public class LinearEq
{
        public static void main(String[] args)
        {
                //Gets three numbers that represent a, b ,c in the equation a·x + b = c
                double a = Integer.parseInt(args[0]);
                double b = Integer.parseInt(args[1]);
                double c = Integer.parseInt(args[2]);
                //Solves the equation and Prints the equation and the solution
                double x = (c - b) / a;
        System.out.println(a + " * X + " + b + " = " + c);
        System.out.println("X = " + x);
        }
}
```

```
/*
```

```
 * Three sides can form a triangle if the sum of the lengths of any two sides is greater than the length of the remaining side.
 * This is known as the Triangle Inequality Theorem.
 * Write a program that tests if three given integers form a triangle.
 */
public class Triangle
{
	public static void main(String[] args)
	{
		//Gets three numbers that to check if they represent vertices of a triangle
		int a = Integer.parseInt(args[0]);
		int b = Integer.parseInt(args[1]);
		int c = Integer.parseInt(args[2]);
		//Checks if the numbers are vertices of a triangle according to the Triangle Inequality Theorem
		System.out.println((a+b)>c && (a+c)>b && (b+c)>a);
	}
}



/*
 * Generates three random integers, each in a given range [a,b),
 * prints them, and then prints the minimal number that was generated.
 */
public class GenThree {
	public static void main(String[] args)
{
		//Gets two numbers
		int a = Integer.parseInt(args[0]);
```

```
            int b = Integer.parseInt(args[1]);
            //Inserts three random numbers between a (includes) to b (excludes)
            int n1 = (int)(((Math.random()) * (b-a)) + a);
            int n2 = (int)(((Math.random()) * (b-a)) + a);
            int n3 = (int)(((Math.random()) * (b-a)) + a);
            //Prints those three numbers
            System.out.println(n1);
            System.out.println(n2);
            System.out.println(n3);
            //Finds the smallest number an prints it
            int min = Math.min(n1, n2);
            min = Math.min(min, n3);
            System.out.println("The minimal generated number was " + min);
        }
}
```