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AddTwo

```
/*
* Adds two given integers and prints the result in a fancy way.
*/

public class AddTwo {
    public static void main(String[] args) {
        // Put your code here
        int Num1 = Integer.parseInt(args[0]);
        int Num2 = Integer.parseInt(args[1]);
        System.out.println(Num1 + " + " + Num2 + " = " + (Num1 + Num2));

    }
}
```

Coins

```
/*
 * 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) {
        int quantity = Integer.parseInt(args[0]);
        System.out.println("Use " + (quantity/25) + " quarters and " + (quantity%25) + "
cents");
    }
}
```

LinearEq

```
/*
 * 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){
      double num1 = Integer.parseInt(args[0]);
      double num2 = Integer.parseInt(args[1]);
      double num3 = Integer.parseInt(args[2]);
      System.out.println(num1 + " * x + " + num2 + " = " + num3);
      System.out.println("x = " + ((num3 - num2)/num1));
   }
}
```

Triangle

```
/*
 * 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){
        int num1 = Integer.parseInt(args[0]);
        int num2 = Integer.parseInt(args[1]);
        int num3 = Integer.parseInt(args[2]);
        boolean checkIfTriangle = (num1 + num2) > num3 && (num2 + num3) > num1
&& (num1 + num3) > num2;
        System.out.println(num1 + ", " + num2 + ", " + num3 + ": " + checkIfTriangle);
    }
}
```

GenThree

```
/*
 * 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) {
        int Num1 = Integer.parseInt(args[0]);
        int Num2 = Integer.parseInt(args[1]);
```

```
        double Random = Math.random();
        Random = Random * (Num2 - Num1) + Num1;
        int intRandom1 = (int)Random;
        Random = Math.random();
        int intRandom2 = (int)(Random * (Num2 - Num1) + Num1);
        Random = Math.random();
        int intRandom3 = (int)(Random * (Num2 - Num1) + Num1);

        System.out.println(intRandom1);
        System.out.println(intRandom2);
        System.out.println(intRandom3);
        System.out.println("The minimal generated number was " +
Math.min(Math.min(intRandom1,intRandom2),intRandom3));

    }
}
```