

AddTwo.java

```
public class AddTwo {  
    public static void main(String[] args) {  
        // Parse the command line arguments to integers  
        int a = Integer.parseInt(args[0]);  
        int b = Integer.parseInt(args[1]);  
  
        // Calculate the sum  
        int sum = a + b;  
  
        // Print the result in the specified format  
        System.out.println(a + " + " + b + " = " + sum);  
    }  
}
```

Coins.java

```
/*
 * 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
 */
public class Coins {
    public static void main(String[] args) {
        int total_coins = Integer.parseInt(args[0]);

        int total_quarters = total_coins/25;
        int total_cents = total_coins%25;

        String output_quarters = "Use " + total_quarters + " quarters ";
        String output_cents = "Use " + total_cents + " cents";

        System.out.println(output_quarters + "and " + output_cents);
    }
}
```

GenThree.java

```
/*
 * 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) {
        String final_print = "The minimal generated number was ";
        Integer range_min=0, range_max=0;
        Integer received_1 = Integer.parseInt(args[0]);
        Integer received_2 = Integer.parseInt(args[1]);

        if (received_1 > received_2) {
            range_max = received_1;
            range_min = received_2;
        }
        else {
            range_max = received_2;
            range_min = received_1;
        }

        Integer random_1 = (int)((range_max - range_min) * Math.random() + range_min);
        Integer random_2 = (int)((range_max - range_min) * Math.random() + range_min);
        Integer random_3 = (int)((range_max - range_min) * Math.random() + range_min);

        Integer min_found = Math.min(Math.min(random_1, random_2), random_3);

        System.out.println(random_1);
        System.out.println(random_2);
        System.out.println(random_3);
        System.out.println(final_print + "" + min_found);
    }
}
```

LinearEq.java

```
/*
 * Solves linear equations of the form  $ax + b = c$ .
 * 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 {
    // Put your code here
    public static void main(String[] args) {
        double a = Double.parseDouble(args[0]);
        double b = Double.parseDouble(args[1]);
        double c = Double.parseDouble(args[2]);

        double sub_c_b = c - b;
        double div_by_a = sub_c_b / a;

        double x = div_by_a;

        String prt_equation = a + " * x" + " + " + b + " = " + c;
        String prt_res = "x = " + x;

        System.out.println(prt_equation);
        System.out.println(prt_res);
    }
}
```

Triangle.java

```
/*
 * Three sides can form a triangle if the sum of the lengths of any two sides is greater than the third.
 * 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) {
        Integer a = Integer.parseInt(args[0]);
        Integer b = Integer.parseInt(args[1]);
        Integer c = Integer.parseInt(args[2]);

        Integer sum_a_b = a + b;

        Boolean trg_condition = false;

        if (sum_a_b > c) {
            trg_condition = true;
        }

        String prt_sides = a + ", " + b + ", " + c + ": ";

        System.out.println(prt_sides + "" + trg_condition);
    }
}
```