AddTwo.java

```
public class AddTwo {
  public static void main(String[] args) {
    // User input
    int a = Integer.parseInt(args[0]);
    int b = Integer.parseInt(args[1]);
    //calculation
    int ans = a + b;
    //print the answer with calculation
    System.out.println(a + " + " + b + " = " + ans);
  }
}
```

Coins.java

```
public class Coins {
  public static void main(String[] args) {
    // User input of coins amount
    int coins =  Integer.parseInt(args[0]);
    //function that counts how many quarters in coins
    int quarters = coins / 25;
    //function that count cents
    int cents = coins % 25;
    //print out
    System.out.println("Use " + quarters + " quarters and
" + cents + " cents");
  }
}
```

LinearEq.java

```
public class LinearEq {
   public static void main(String[] args) {
         // User input of a,b,c
       double a = Double.parseDouble(args[0]);
       double b = Double.parseDouble(args[1]);
       double c = Double.parseDouble(args[2]);
       // Print out the equation
       System.out.println(a + " * x + " + b + " = " + c);
       //assume that a is not 0
       if (a != 0) {
           double x = (c - b) / a;
           System.out.println("x = " + x);
           // if a = 0, print Error
       } else {
           System.out.println("ERROR");
       }
}

}
```

Triangle.java

```
public class Triangle {
   public static void main(String[] args) {
    //user input
            int a = Integer.parseInt(args[0]);
           int b = Integer.parseInt(args[1]);
           int c = Integer.parseInt(args[2]);
    //boolean
            boolean triangle = true;
        if ((a + b) < c  (a + c) < b  (b + c) < a){
    //will print false
            System.out.println(a + ", " + b + ", " + c + ": "
+ !triangle);
        }else{
    //will print true
            System.out.println(a + ", " + b + ", " + c + ": "
+ triangle);
        }

    }

}
```

GenThree.java

```
public class GenThree {
  public static void main(String[] args) {
    //user input for lower and upper bound.
        int a = Integer.parseInt(args[0]);
        int b = Integer.parseInt(args[1]);
        // Three random numbers
        int rand1 = a + (int) (Math.random() * (b-a));
        int rand2 = a + (int) (Math.random() * (b-a));
        int rand3 = a + (int) (Math.random() * (b-a));
        // print random numbers
        System.out.println(rand1);
        System.out.println(rand2);
        System.out.println(rand3);
        // find the minimal number
        int min =
Math.min(Math.min(rand1,rand2),rand3);
        System.out.println("The minimal generated
number was: " + min);
  }
}
```