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 {
        // 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(!triangle);
       }else{
    //will print true
            System.out.println(triangle);
       }

    }

}
```

GenThree.Java

```
ublic 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("First random number is: " + rand1);
        System.out.println("Second random number is: " + rand2);
        System.out.println("Third random number is: " + rand3);
        // find the minimal number
        int min = Math.min(Math.min(rand1,rand2),rand3);
        System.out.println("Minimal number is: " + min);
  }
}
```