1. AddTwo

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

2. 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 number = Integer.parseInt(args[0]);
		int quarter= number/25;
		int cent=number%25;
		System.out.println("Use " + quarter + " quarters and " + cent + " cents");
	}
}
```

3. 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 a= Double.parseDouble(args[0]);
		double b= Double.parseDouble(args[1]);
		double c= Double.parseDouble(args[2]);
		System.out.println(a+ " * x + " +b+ " = "+c );
		System.out.println("x = " + ((c-b)/a));
	}
}
```

4. 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 a = Integer.parseInt(args[0]);
		int b = Integer.parseInt(args[1]);
		int c = Integer.parseInt(args[2]);
		if (a+b>c && a+c>b && b+c>a)
			System.out.println(a+ ", " +b+ ", " +c+ ": true");
		else
			System.out.println(a+ ", " +b+ ", " +c+ ": false");
	}
}
```

5. 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 a = Integer.parseInt(args[0]);
		int b = Integer.parseInt(args[1]);
		int range=b-a;
		int min=b-range;
		int random1=(int)(Math.random()*range)+min;
		System.out.println(random1);
		int random2=(int)(Math.random()*range)+min;
		System.out.println(random2);
		int random3=(int)(Math.random()*range)+min;
		System.out.println(random3);
		int randomMin=Math.min(random1,random2);
		int randomMin1=Math.min(randomMin,random3);
		System.out.println("The minimal generated number was "+
randomMin1);
	}
}
```