# Sapir Erlich HW2 -

## 1. Divisors -

```
/**

* Gets a command-line argument (int), and prints all the divisors of the
given number.

*/
public class Divisors {
  public static void main (String[] args) {
    int number = Integer.parseInt(args[0]);
    for (int i = 1; i <= number;i++) {
        if (number % i == 0) {
            System.out.println(i);
        }
    }
}</pre>
```

### 2. Reverse -

### 3. InOrder -

```
/**
    Generates and prints random integers in the range [0,10),
    as long as they form a non-decreasing sequence.
    //
public class InOrder {
    public static void main (String[] args) {
        Integer random_number1 = (int) (Math.random() * 10);
        String random_numbers = "" + random_number1;
        Integer random_number2 = (int) (Math.random() * 10);
        while (random_number1 <= random_number2) {
            random_number1 = random_number2;
            random_number2 = (int) (Math.random() * 10);
        }
        System.out.println(random_numbers);
    }
}</pre>
```

## 4. DamkaBoard -

### 5. Perfect -

#### 6. OneOfEachStats -

```
mport java.util.Random;
 public static void main (String[] args) {
      int T = Integer.parseInt(args[0]);
      int seed = Integer.parseInt(args[1]);
         int childrens=0;
              gender= generator.nextDouble();
                      is boy=true;
              childrens++;
```

```
two_child_fam++;
              four_plus_child_fam++;
three_child_fam>=four_plus_child_fam ){
      double avg childrens = (double)all childrens / T;
"+four_plus_child_fam);
```