**YouTube tutorial 30 – Array elements as counters**

The code used in this tutorial is as follows:

**import** java.util.Random;

**class** apples{

**public** **static** **void** main(String[] args){

Random rand = **new** Random();

**int** freq[]=**new** **int**[7];

// The reason for 7 is because, the indexes count up from 0 to 6 with a total of 7 indexes, and we need indexes 1-6 //

**for**(**int** roll=1; roll<=1000;roll++){

++freq[1+rand.nextInt(6)];

// Everytime the dice rolls, one of the numbers from 1-6 shows up. These numbers add to every 6 indexes.

}

System.*out*.println("Face\tFrequency");

**for**(**int** face=1;face<freq.length;face++){

System.*out*.println(face+"\t"+freq[face]);

// Through this we print out the face(#) and frequency(total number of each dice number //

}

}

}

The result is as follows:

Face Frequency

1 148

2 144

3 191

4 153

5 173

6 191