JAVA RANDOM NUMBER GENERATION

```java
public static void main(String[] args) {
        int maxNumber = 500;
        int totalCount = 10;
        Random random = new Random();

        boolean[] generatedNumbers = new boolean[maxNumber];
        int generatedCount = 0;

        while (generatedCount < totalCount){
            int newNumber = random.nextInt(maxNumber);
            if (generatedNumbers[newNumber] == false){
                generatedNumbers[newNumber] = true;
                generatedCount++;
            }
        }

        int[] sortedUniqueArray = new int[totalCount];

        int selectedNumbers = 0;
        for (int i = 0; i < generatedNumbers.length; i++) {
            if (generatedNumbers[i] == true){
                sortedUniqueArray[selectedNumbers] = i;
                selectedNumbers++;
            }
        }

        System.out.println(Arrays.toString(sortedUniqueArray));
    }
```