DeerCoders Season 3 – Session 2

**Question**

There are exactly nine 2-digit numbers which have two digits the same: 11, 22, ...,99.

How many 3 and 4-digit numbers have two digits the same that can be in any position? Also print those numbers.

**Example**

Like 233, 232 are the numbers having two digits same in either same or different position and 5511 and 5116 are another numbers having two digits in either same or different positions. Participants should find the number like these.

**Date: Dec 10, 2014**

**Solution For 3 Digit there are total of 243 numbers and for 4 digit there are 4131 numbers.**