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有1、2、3、4個數字，能組成多少個互不相同且無重複數字的三位數？都是多少？

\*/

package com.company;

import java.util.Scanner;

import java.lang.String;

public class Main {

public static void main(String[] args) {

int sum = 0;

for(int i=100; i<=500; i++){

int[] content\_arr = new int[3];

int number = i;

for(int j=0; j<3; j++){

content\_arr[2-j] = number%10;

number = (number - (number%10))/10;}

if(content\_arr[0] != content\_arr[1] && content\_arr[0] != content\_arr[2] && content\_arr[2] != content\_arr[1] && (content\_arr[0] == 1 || content\_arr[0] == 2 || content\_arr[0] == 3 || content\_arr[0] == 4) && (content\_arr[1] == 1 || content\_arr[1] == 2 || content\_arr[1] == 3 || content\_arr[1] == 4) && (content\_arr[2] == 1 || content\_arr[2] == 2 || content\_arr[2] == 3 || content\_arr[2] == 4)){

System.out.println(content\_arr[0] + "" + content\_arr[1] + content\_arr[2] );

sum +=1;}

}

System.out.println("共有" + sum + "個數字");

}

}