**Win the Coupons**

Win the Coupons the IPL is about to commence, and there are several coupons being sold, and each coupon is identified with a coupon ID. In one of the many winning scenarios in the IPL, a winning pair of coupons is: Concatenation of the two coupon IDs in the pair, in any order, contains each digit from 0 to 9 at least once.

NOTE: The coupon IDs can be concatenated in any order. Digits in the coupon ID can occur in any order.

Your task is to find the number of winning pairs of distinct coupons, such that concatenation of their coupon IDs (in any order) makes for a winning scenario.

**Input Format**

The first line contains N denoting the total number of coupons in the super bowl. Each of the next N lines contains a string, where i'th string on a line denotes the coupon id of the i'th coupon.

**Constraints**

1 <= N <=10^6

1 <= Length of ticket <= 10^6

Sum of Lengths of all tickets <= 10^6

Each Ticket Id consists of digits from [0 to 9]

**Output Format**

Print the number of pairs in a new line.

**Sample Input**

5

129300455

5559948277

012334556

56789

123456879

**Sample Output**

5

**Explanation** "5559948277"+"012334556" is a pair which has all 0-9 digits at least once. likewise pairs (012334556,56789),(123456879,012334556), (123456879,129300455), (129300455,56789) count to 5.

**Sample Input**

7

9305515832

9195431

120

9502627035

19476110

94705967583

92198870

**Sample Output**

4