# Yet another strings problem !!

#### Frequent Substring Counting

Given a string S and integer N, your task is to compute the substring of length N that is repeated most in the string.

If two substrings of length N have the same occurrence count in S, return the smallest lexicographically.

## Input

The first line contains the number of test cases T.  $T \le 10$ .

The following T lines hold the test cases, each line consisting of integer N followed by string S. N and S are space seperated.  $N \le 100, |S| \le 100000$ .

### **Output**

Print T lines, each containing the substring of length N that is most frequent. If two substrings have the same occurrence count, print the smallest lexicographically.

## **Example**

#### Input:

2

2 efababefef

1 aabebb

#### **Output:**

ef

b