#include <iostream>

#include<string.h>

#define ASCII\_SIXE 256

using namespace std;

char smallest\_alphabet(char a[], int n)

{

// initializing smallest alphabet to 'z'

char min = 'z';

// find smallest alphabet

for (int i=0; i<n-1; i++)

if (a[i] < min)

min = a[i];

// returning smallest alphabet

return min;

}

char getMaxOccuringChar(char\* str)

{

// Create array to keep the count of individual

// characters and initialize the array as 0

int count[ASCII\_SIXE] = {0};

// Construct character count array from the input

// string.

int len = strlen(str);

int max = 0; // Initialize max count

char result; // Initialize result

// Traversing through the string and maintaining

// the count of each character

for (int i = 0; i < len; i++) {

count[str[i]]++;

if (max < count[str[i]]) {

max = count[str[i]];

int leng=strlen(count)

result=smallest\_alphabet(count[str[],leng);

}

}

return result;

}

// Driver program to test the above function

int main()

{

char str[] = "testsample";

cout << getMaxOccuringChar(str);

}