MOVE ALL X AT END

Take as input str, a string. Write a recursive function which moves all ‘x’ from the string to its end.

E.g. for “abexexdexed” return “abeedeedxxx”.

Print the value returned

Input Format:

Single line input containing a string

Constraints:

Length of string <= 1000

Output Format

Single line displaying the string with all x's moved at the end

Sample Input

axbxc

Sample Output

abcxx

Program-

#include<iostream>

#include<string.h>

using namespace std;

int removex(string &str,int i, int j,int count)

{

if(i>j)

return count;

if(str[i]=='x')

{

count++;

return removex(str,i+1,j,count);

}

cout<<str[i];

removex(str,i+1,j,count);

}

int main()

{

string str;

cin>>str;

int n=str.length();

int count=removex(str,0,n-1,0);

for(int i=0;i<count;i++)

cout<<"x";

return 0;

}