

```
#include <iostream>
using namespace std;

void removeX(char s[]) {
    if (s[0] == '\\0') {
        return;
    }

    if (s[0] != 'x') {
        removeX(s + 1);
    } else {
        int i = 1;
        for (; s[i] != '\\0'; i++) {
            s[i - 1] = s[i];
        }
        s[i - 1] = s[i];
        removeX(s);
    }
}

int length(char s[]) {
    if (s[0] == '\\0') {
        return 0;
    }
    int smallStringLength = length(s + 1);
    return 1 + smallStringLength;
}

int main() {
    char str[100];
    cin >> str;

    int l = length(str);
    cout << l << endl;
    removeX(str);
    cout << str << endl;
    l = length(str);
    cout << l << endl;
}
```