**Problema 1**

Program aparitia\_x;  
var s:string;  
n:integer;  
x:char;  
function number(s1 :string; var nr :integer):integer;  
var i:integer;  
begin  
number:=nr;  
nr:=0;  
for i:=1 to length(s1) do  
if (s1[i]=x) then nr:=nr+1;  
end;  
begin  
writeln('Introduceti sirul de caractere');  
readln(s);  
writeln('Introduceti caracterul x');  
readln(x);  
number(s, n);  
write('Sirul de caractere : ',s,', contine ',n,' caractere ',x);  
end.

**Problema 2**

Program inlocuieste\_sau\_cu\_ori;  
var s:string;  
procedure inlocuire(var s1 :string);  
var i:integer;  
begin  
for i:=1 to length(s1)-2 do  
if (s1[i]='s') and (s1[i+1]='a') and (s1[i+2]='u') then  
begin  
s1[i]:='o';  
s1[i+1]:='r';  
s1[i+2]:='i';  
end;  
end;  
begin  
writeln('Introduceti sirul de caractere:');  
readln(s);  
inlocuire(s);  
write('Sirul obtinut este:',s);  
end.

**Problema 3**

Program sterge\_x;  
var s:string;  
x:char;  
procedure stergere(var s1:string);  
var i:integer;  
begin  
i:=1;  
while i<=length(s1) do  
if (s1[i]=x) then delete(s,i,1) else i:=i+1;  
end;  
begin  
writeln('Introduceti sirul de caractere');  
readln(s);  
writeln('Introduceti caracterul');  
readln(x);  
stergere(s);  
write('Sirul modificat este: ',s);  
end.