

```

substitute(Old,New,Old,New).,~|,
substitute(Old,New,Term,Term) :-
    constant(Term), Term \= Old.
substitute(Old,New,Term,Term1) :-
    compound(Term),
    functor(Term,F,N),
    functor(Term1,F,N),
    substitute(N,Old,New,Term,Term1).
substitute(N,Old,New,Term,Term1) :-
    N > 0,
    arg(N,Term,Arg),
    substitute(Old,New,Arg,Arg1),
    arg(N,Term1,Arg1),
    N1 is N-1,
    substitute(N1,Old,New,Term,Term1).
substitute(0,Old,New,Term,Term1).

```

