Algorithm REVISE:

```
procedure REVISE(Vi,Vj)
    DELETED <- false
    for each X in Di do
        if there is no such Y in Dj such that (X,Y) is consistent,
            i.e.,(X,Y) satisfies all the constraints on Vi, Vj then
            delete X from Di
            DELETED <- true
        end if
    end for
return DELETED
```

Algorithm AC for Forward Checking:

```
procedure AC-FC(cv)
    Q <- {(Vi,Vcv) in arcs(G),i>cv};
    consistent <- true;
    while not Q empty & consistent do
        select and delete any arc (Vk,Vm) from Q;
        if REVISE(Vk,Vm) then
            consistent <- not empty Dk
        end if
    end while
    return consistent
end AC-FC
```