Logic Programming

Assume we have facts for the predicates:

```
human/1
male/1
female/1
father/2
mother/2
```

Examples

```
human(john).
human(paul).
human(mary).

male(john).
male(paul).

female(mary).

father(john,mary).

mother(mary,paul).
```

Exercise

Write Horn clauses defining the following predicates with the given meaning.

a)   `man/1`   A man is a human who is male
      `woman/1`   A woman is a human who is female

b)   `parent/2`   X is the parent of Y if it is either the father or the mother of Y

c)   `ancestor/2` An ancestor is the parent or an ancestor of a parent