KBS Lecture 3: something for you to try

Question 1

Suppose that we deleted all the `male` and `female` clauses from `new_fam1.pl`, but retained the information they contained with the following two clauses:

```
males([bill, jim, albert, fred, john]).
females([jane, alice]).
```

Write rules for `male` and `female` so that they behave, in terms of solutions returned etc., in exactly the same circumstances as previously, e.g.

```
?- male(X).
```

should still give solutions `X=bill`, `X=jim`, etc.

Question 2

Now suppose that we did the same as in question 1, but retained the information contained in the `male` and `female` clauses using just the following clause:

```
people([p(bill, male), p(jim, male), p(albert, male),
     p(fred, male), p(john, male), p(jane, female),
     p(alice, female)]).
```

Again, write rules for `male` and `female` so that they behave in exactly the same circumstances as previously.

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