```
luisestevez@Luiss-MacBook-Air Assignments % swipl
Welcome to SWI-Prolog (threaded, 64 bits, version 8.3.6)
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For online help and background, visit https://www.swi-prolog.org
For built-in help, use ?- help(Topic). or ?- apropos(Word).

?- module(demo), consult('microworld.pro').
Warning: demo is not a current module (created)
true.

demo:  ?- listing(dogs).
user:dogs :-
    dog(N, _, _, _, _),
    write(N),
    nl,
    fail.
user:dogs.

true.

demo:  ?- dogs.
marley
clifford
jojo
true.

demo:  ?- listing(cats).
user:cats :-
    cat(N, _, _, _, _),
    write(N),
    nl,
    fail.
user:cats.

true.

demo:  ?- cats.
bean
garfield
milly
true.

demo:  ?- listing(pets).
user:pets :-
    dogs,
    cats.
user:pets.
```

true.

demo: ?- pets.
marley
clifford
jojo
bean
garfield
milly
true .

demo: ?- male(Name).
Name = marley ;
Name = clifford ;
Name = garfield.

demo: ?- female(Name).
Name = jojo ;
Name = bean ;
Name = milly.

demo: ?- old(Name), write(Name), nl, fail.
clifford
jojo
bean
garfield
false.

demo: ?- young(Name), write(Name), nl, fail.
marley
milly
false.

demo: ?- heavy(garfield).
true.

demo: ?- heavy(marley).
false.

demo: ?- halt.