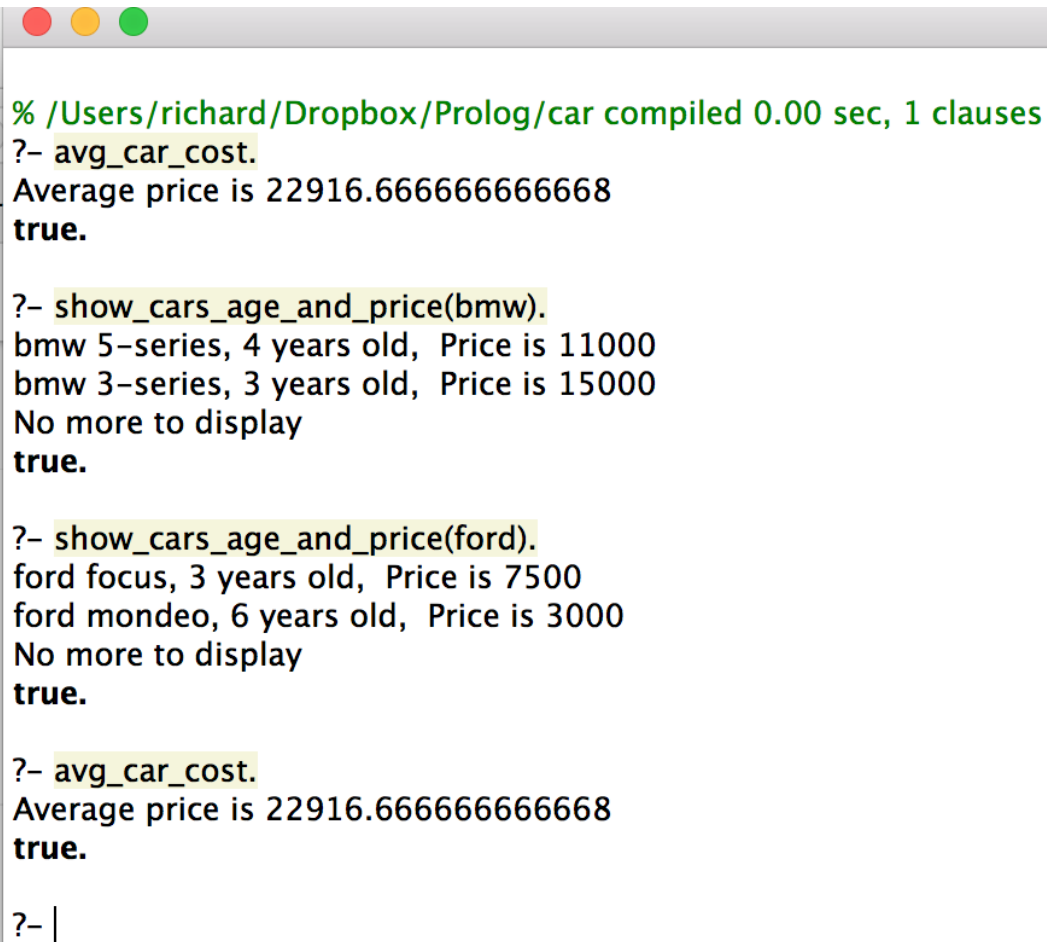


Prolog Exercises – used cars database

Run the Prolog program prived as shown below.



```
% /Users/richard/Dropbox/Prolog/car compiled 0.00 sec, 1 clauses
?- avg_car_cost.
Average price is 22916.666666666668
true.

?- show_cars_age_and_price(bmw).
bmw 5-series, 4 years old, Price is 11000
bmw 3-series, 3 years old, Price is 15000
No more to display
true.

?- show_cars_age_and_price(ford).
ford focus, 3 years old, Price is 7500
ford mondeo, 6 years old, Price is 3000
No more to display
true.

?- avg_car_cost.
Average price is 22916.666666666668
true.

?- |
```

Then try to understand the code and write Prolog predicates that:

- list all cars by make, year and cost that are more than 5 years old
- list all cars between 5 and 10 years old with mileage 60000 or more
- compute the average mileage of all the cars.