

```
% library(win_menu) compiled into win_menu 0.00 sec, 33 clauses
```

```
Welcome to SWI-Prolog (Multi-threaded, 64 bits, Version 6.4.0)
```

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Please visit http://www.swi-prolog.org for details.
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```
For help, use ?- help(Topic). or ?- apropos(Word).
```

```
1 ?- consult('~\Documents\CSC366\Assignments\pets.pro').
```

```
% c:/Users/joshu/Documents/CSC366/Assignments/pets.pro compiled 0.00 sec, 25 clauses
```

```
true.
```

```
*- List the names of all the cats
```

```
2 ?- cats
```

```
| .
```

```
cappucino
```

```
garfield
```

```
tally
```

```
abby
```

```
true.
```

```
*- List the names of all the dogs
```

```
3 ?- dogs.
```

```
becca
```

```
kita
```

```
chutney
```

```
macy
```

```
true.
```

*- Is the dog becca old?

4 ?- old(becca).

true.

*- Is the dog kita old?

5 ?- old(kita).

false.

*- Is the cat garfield old?

6 ?- old(garfield).

true ;

false.

*- Is the cat cappucino old?

7 ?- old(cappucino).

false.

*- Is the cat cappucino young?

8 ?- young(cappucino).

true ;

false.

*- Is the dog chutney young?

9 ?- young(chutney).

false.

*- Is the dog chutney middle aged?

10 ?- mid_age(chutney).

true.

*- Can the old dog becca learn new tricks?

11 ?- newtricks(becca).

false.

*- Can the young dog kita learn new tricks?

12 ?- newtricks(kita).

true.

*- Is the dog becca big?

13 ?- big(becca).

false.

*- Is the cat garfield big and the dog kita big?

14 ?- big(garfield), big(kita).

true ;

false.

*- Is the dog kita big?

15 ?- big(kita).

true.

*- What is the clean up size of the dog kita?

16 ?- clean_up_size(kita).

ERROR: Undefined procedure: clean_up_size/1

ERROR: However, there are definitions for:

ERROR: clean_up_size/2

false.

*- What is the clean up size of the dog kita?

17 ?- `clean_up_size(kita, Poop)`.

Poop = 7.15.

*- What is the clean up size of the cat tally?

18 ?- `clean_up_size(tally, Poop)`.

Poop = 0.72