

```
% library(win_menu) compiled into win_menu 0.02 sec, 33 clauses
Welcome to SWI-Prolog (Multi-threaded, 64 bits, Version 6.4.0)
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```

```
For help, use ?- help(Topic). or ?- apropos(Word).
```

```
1 ?- consult('~\Documents\CSC366/assignments/assignment03/gv2.pro').
% c:/Users/joshu/Documents/CSC366/assignments/assignment03/gv2.pro
compiled 0.00 sec, 20 clauses
true.
```

```
2 ?- declare(x, 10).
true.
```

```
3 ?- declare(y, 3).
true.
```

```
4 ?- bindings.
x -> 10
y -> 3
true.
```

```
5 ?- add(x, 7, sum).
false.
```

```
6 ?- add(x, y, sum).
true.
```

```
7 ?- bindings.
x -> 10
y -> 3
sum -> 13
true.
```

```
8 ?- sub(x, y, difference).
true.
```

```
9 ?- mul(x, y, product).
true.
```

```
10 ?- div(y, x, quotient).
true.
```

```
11 ?- pow(x, y, power).
true.
```

```
12 ?- bindings.
x -> 10
y -> 3
sum -> 13
difference -> 7
```

```
product -> 30  
quotient -> 0.3  
power -> 1000  
true.
```

```
13 ?- halt.
```