

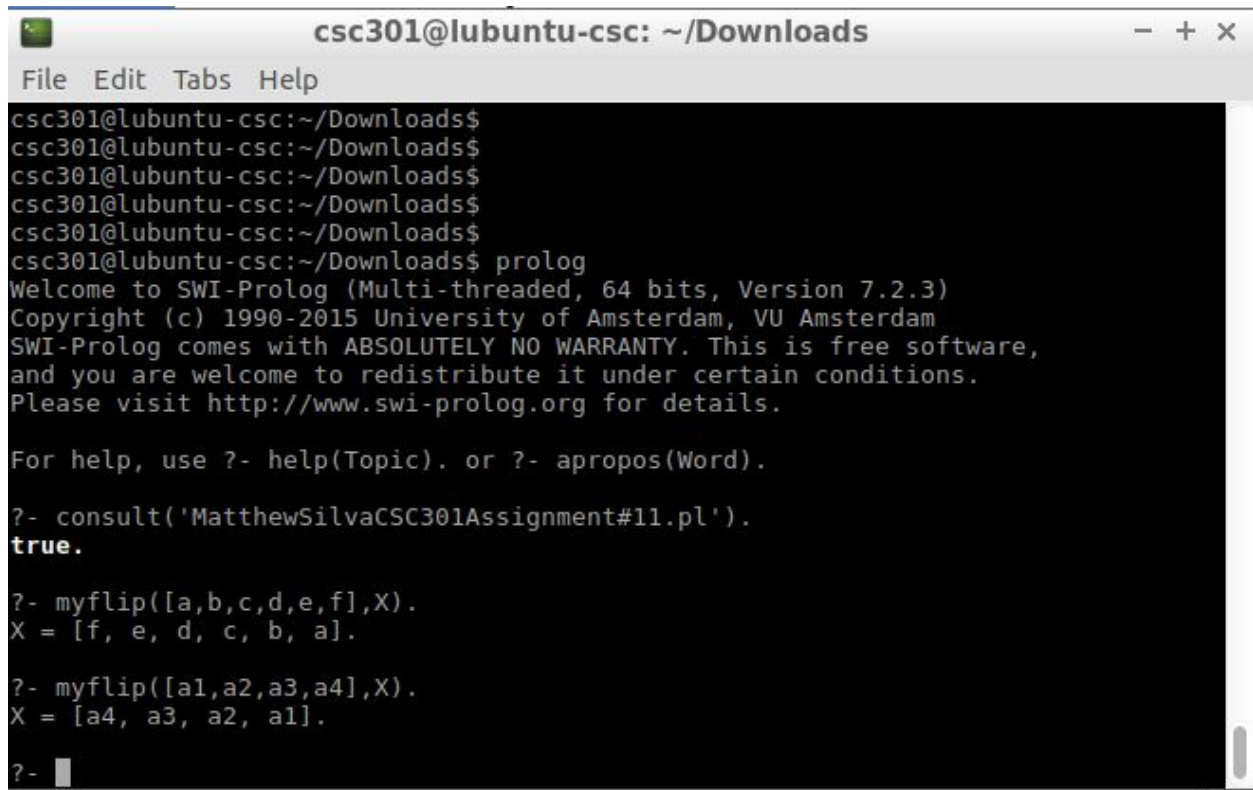
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Professor Hamel

CSC 301

6 December 2017

Assignment #11

A terminal window titled 'csc301@lubuntu-csc: ~/Downloads' with standard window controls. The terminal shows a series of shell prompts and Prolog commands. The user runs 'prolog', which displays a welcome message for SWI-Prolog 7.2.3. Then, the user runs a Prolog query to consult a file, which succeeds. Finally, the user runs two queries for a 'myflip' predicate, which successfully reverses two lists.

```
csc301@lubuntu-csc: ~/Downloads
File Edit Tabs Help
csc301@lubuntu-csc:~/Downloads$
csc301@lubuntu-csc:~/Downloads$
csc301@lubuntu-csc:~/Downloads$
csc301@lubuntu-csc:~/Downloads$
csc301@lubuntu-csc:~/Downloads$
csc301@lubuntu-csc:~/Downloads$ prolog
Welcome to SWI-Prolog (Multi-threaded, 64 bits, Version 7.2.3)
Copyright (c) 1990-2015 University of Amsterdam, VU Amsterdam
SWI-Prolog comes with ABSOLUTELY NO WARRANTY. This is free software,
and you are welcome to redistribute it under certain conditions.
Please visit http://www.swi-prolog.org for details.

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

?- consult('MatthewSilvaCSC301Assignment#11.pl').
true.

?- myflip([a,b,c,d,e,f],X).
X = [f, e, d, c, b, a].

?- myflip([a1,a2,a3,a4],X).
X = [a4, a3, a2, a1].

?-
```

```
csc301@lubuntu-csc: ~/Downloads
File Edit Tabs Help
csc301@lubuntu-csc:~/Downloads$
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?- myflip([a,b,c,d,e,f],X).
X = [f, e, d, c, b, a].

?- myflip([a1,a2,a3,a4],X).
X = [a4, a3, a2, a1].

?- myflip([a],X).
X = [a].

?-
```

```
csc301@lubuntu-csc: ~/Downloads
File Edit Tabs Help
csc301@lubuntu-csc:~$ cd Downloads/
csc301@lubuntu-csc:~/Downloads$ gedit
The program 'gedit' is currently not installed. To run 'gedit' please ask your a
dministrator to install the package 'gedit'
csc301@lubuntu-csc:~/Downloads$ prolog
Welcome to SWI-Prolog (Multi-threaded, 64 bits, Version 7.2.3)
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and you are welcome to redistribute it under certain conditions.
Please visit http://www.swi-prolog.org for details.

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

?- consult('MatthewSilvaCSC301Assignment#11.pl').
true.

?- myflip([a,b,c],X).
X = [c, b, a].

?-
```

```
csc301@lubuntu-csc: ~/Downloads
File Edit Tabs Help
Welcome to SWI-Prolog (Multi-threaded, 64 bits, Version 7.2.3)
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true.

?- myflip([a,b,c,d,e,f],X).
X = [f, e, d, c, b, a].

?- myflip([a1,a2,a3,a4],X).
X = [a4, a3, a2, a1].

?- myflip([a],X).
X = [a].

?- myflip([1,2],X).
X = [2, 1].

?- 
```

```
csc301@lubuntu-csc: ~/Downloads
File Edit Tabs Help
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Please visit http://www.swi-prolog.org for details.

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

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true.

?- myflip([a,b,c,d,e,f],X).
X = [f, e, d, c, b, a].

?- myflip([a1,a2,a3,a4],X).
X = [a4, a3, a2, a1].

?- myflip([a],X).
X = [a].

?- myflip([1,2],X).
X = [2, 1].

?- myflip([],X).
X = [].

?- 
```