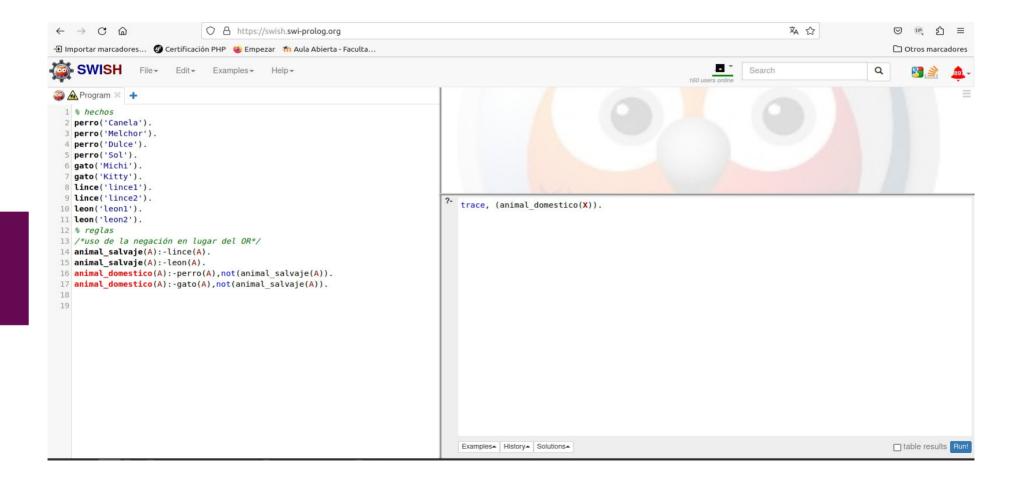
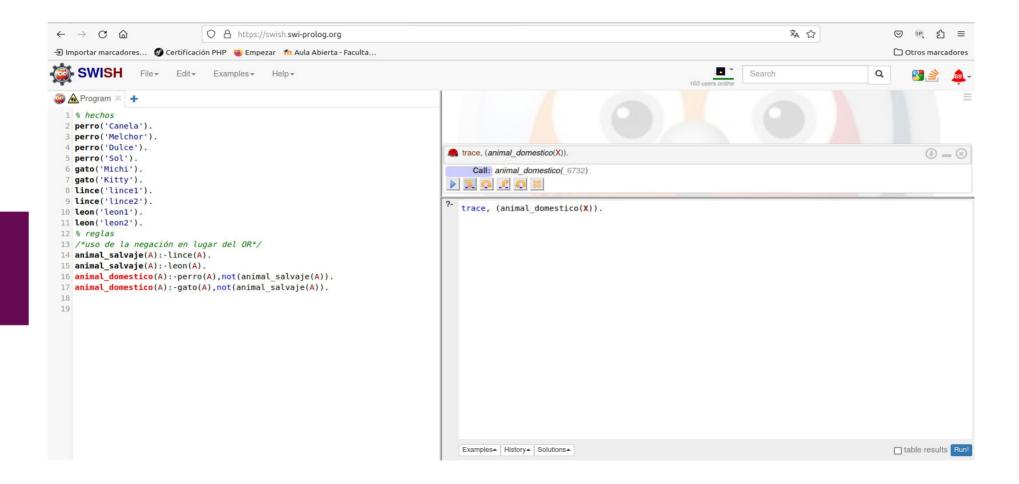
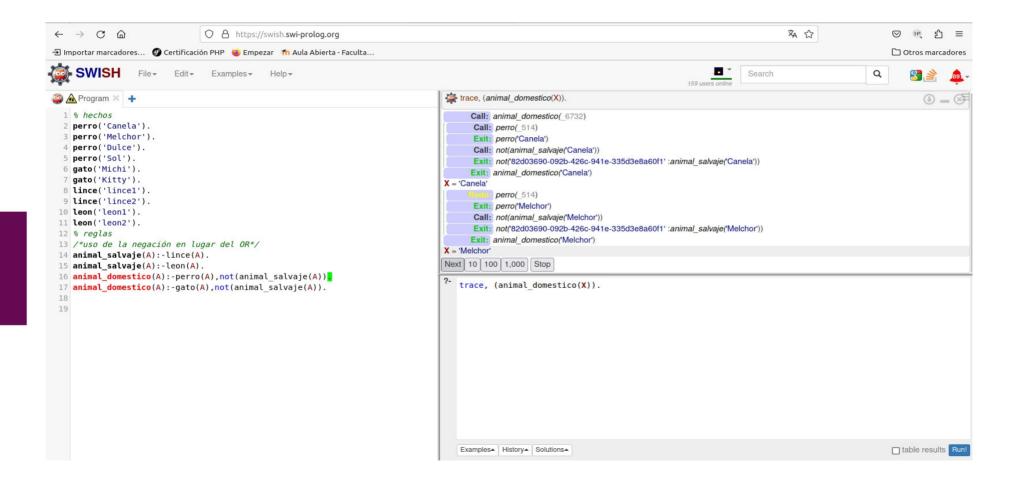
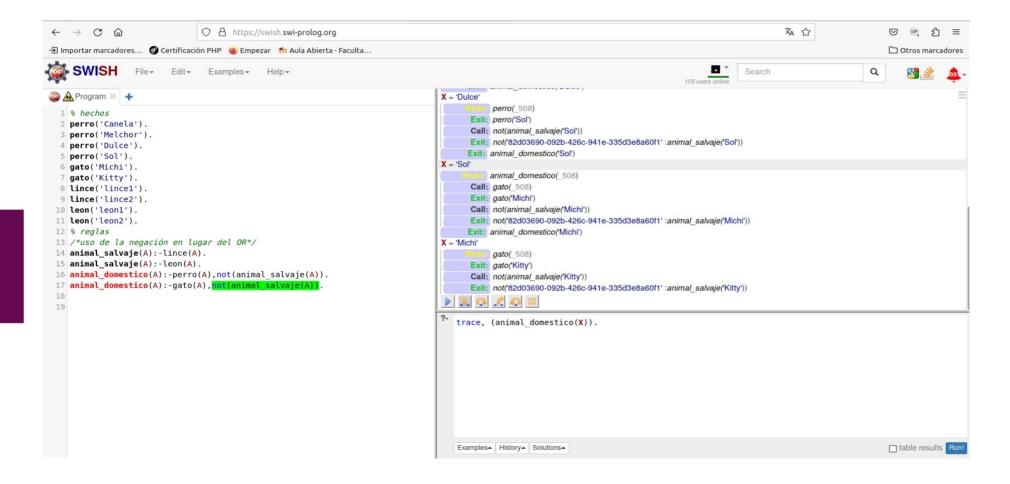
PROLOG - comando trace

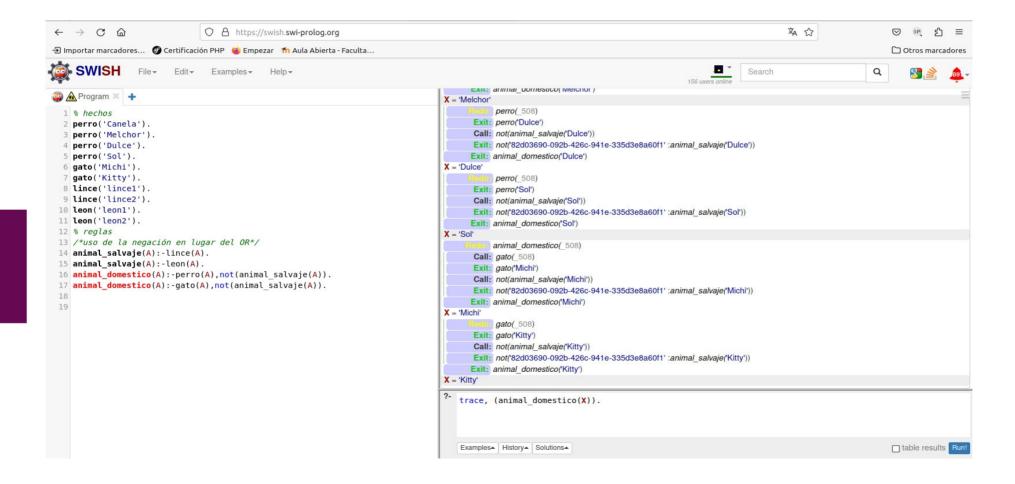
- SWISH
- SWI-Prolog desde PC

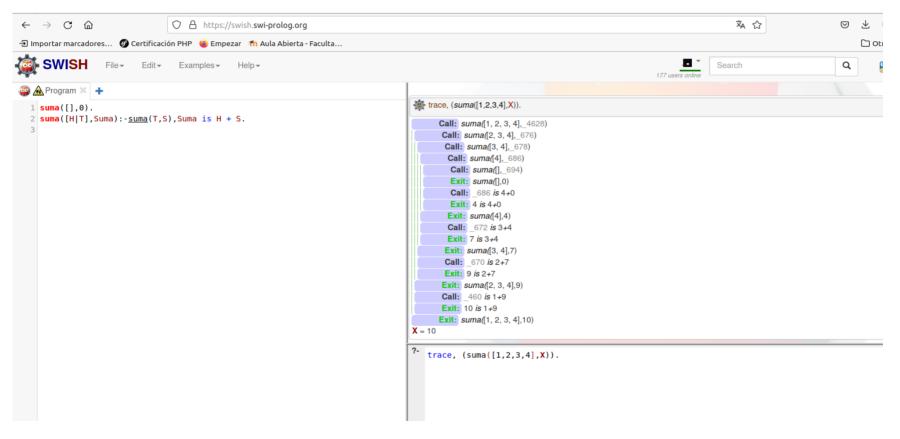












```
reydejuda@pegasus:~$ swipl
Welcome to SWI-Prolog (threaded, 64 bits, version 8.2.4)
SWI-Prolog comes with ABSOLUTELY NO WARRANTY. This is free software.
Please run ?- license, for legal details.
For online help and background, visit https://www.swi-prolog.org
For built-in help, use ?- help(Topic). or ?- apropos(Word).
?- consult('/home/reydejuda/prolog/animales.pl').
true.
?- trace (animal domestico(X)).
 - apropos(trace).
 SWI trace/0
 LIB trace/1
 LIB trace/2
 LIB gtrace/0
 SWI notrace/0
 SWI notrace/1
 LIB chr trace/0
 LIB quitracer/0
 LIB chr notrace/0
 LIB noguitracer/0
  C 'PL backtrace'()
  C 'PL backtrace string'()
 SWI catch with backtrace/3
 LIB prolog trace interception/4
 LIB gdebug/0
 SWI tracing/0
 LIB gspy/1
 LIB tdebua/1
 LIB chr leash/1
 SEC tracehook
true.
?- trace.
true.
```

```
?- consult('/home/reydejuda/prolog/animales.pl').
true.
?- trace.
true.
[trace] ?- animal domestico('Dulce').
   Call: (10) animal domestico('Dulce') ? creep
  Call: (11) perro('Dulce') ? creep
   Exit: (11) perro('Dulce') ? creep
  Call: (11) not(animal salvaje('Dulce')) ? creep
  Call: (12) animal salvaje('Dulce') ? creep
   Call: (13) lince('Dulce') ? creep
   Fail: (13) lince('Dulce') ? creep
   Redo: (12) animal salvaje('Dulce') ? creep
   Call: (13) leon('Dulce') ? creep
        (13) leon('Dulce') ? creep
         (12) animal salvaje('Dulce') ? creep
  Exit: (11) not(user:animal salvaje('Dulce')) ? creep
  Exit: (10) animal domestico('Dulce') ? creep
true .
[trace] ?-
```

```
[trace] ?- animal salvaje(S).
   Call: (10) animal salvaje( 16704) ? creep
  Call: (11) lince( 16704) ? creep
   Exit: (11) lince(lince1) ? creep
   Exit: (10) animal salvaje(lince1) ? creep
S = lincel:
   Redo: (11) lince( 16704) ? creep
  Exit: (11) lince(lince2) ? creep
   Exit: (10) animal salvaje(lince2) ? creep
S = lince2:
   Redo: (10) animal salvaje( 16704) ? creep
   Call: (11) leon( 16704) ? creep
   Exit: (11) leon(leon1) ? creep
   Exit: (10) animal salvaje(leon1) ? creep
S = leon1 :
   Redo: (11) leon( 16704) ? creep
  Exit: (11) leon(leon2) ? creep
  Exit: (10) animal salvaje(leon2) ? creep
S = leon2.
[trace] ?-
```

```
?- consult('/home/reydejuda/prolog/sumaLista.pl').
true.
?- trace.
true.
[trace] ?- suma([1,2,3,4],SumaLista).
   Call: (10) suma([1, 2, 3, 4], 8816) ? creep
   Call: (11) suma([2, 3, 4], 9280) ? creep
   Call: (12) suma([3, 4], 9324) ? creep
   Call: (13) suma([4], 9368) ? creep
   Call: (14) suma([], 9412) ? creep
   Exit: (14) suma([], \overline{0}) ? creep
   Call: (14) 9504 is 4+0 ? creep
   Exit: (14) \ \overline{4} \ \text{is } 4+0 \ ? \ \text{creep}
   Exit: (13) suma([4], 4) ? creep
   Call: (13) 9642 is 3+4 ? creep
   Exit: (13) \ 7 is 3+4 ? creep
   Exit: (12) suma([3, 4], 7) ? creep
   Call: (12) 9780 is 2+7 ? creep
   Exit: (12) 9 is 2+7 ? creep
   Exit: (11) suma([2, 3, 4], 9) ? creep
   Call: (11) 8816 is 1+9 ? creep
   Exit: (11) 10 is 1+9 ? creep
   Exit: (10) suma([1, 2, 3, 4], 10) ? creep
SumaLista = 10.
[trace] ?-
```