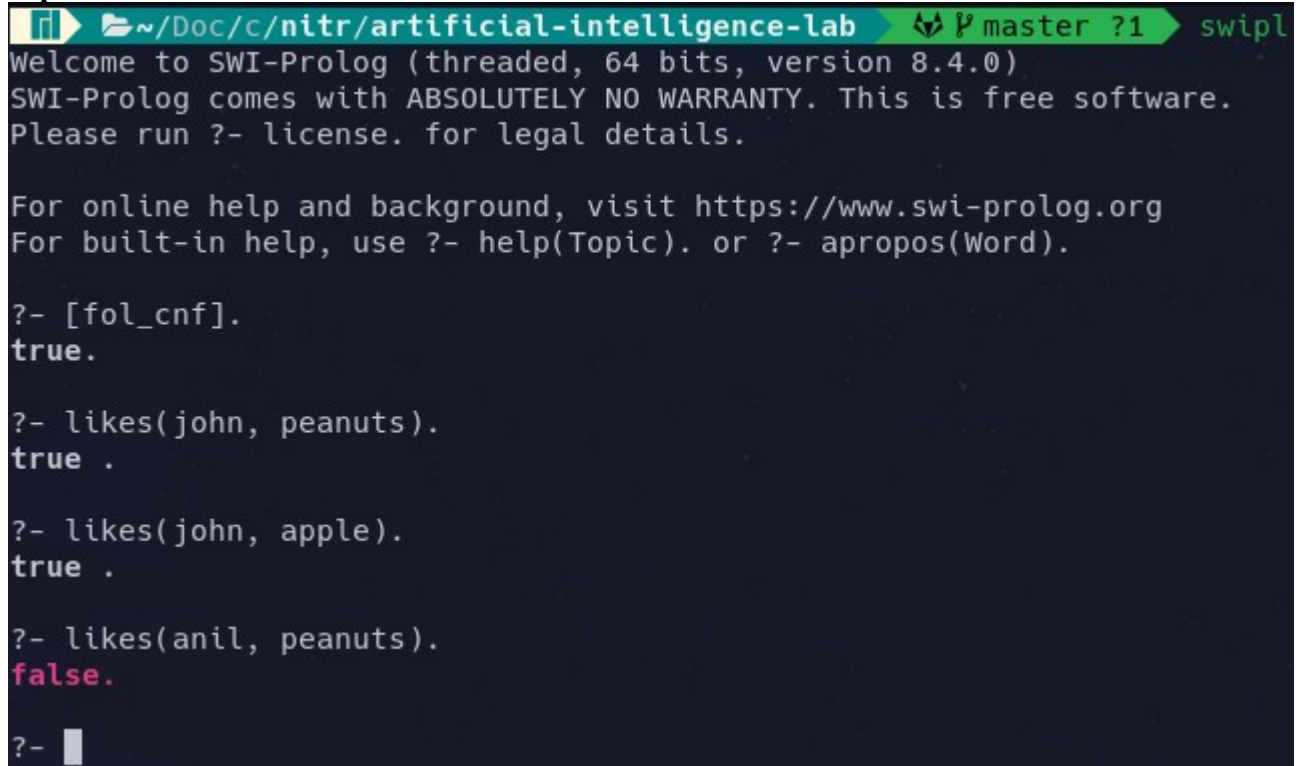


Koushik Sahu**118CS0597****Artificial Intelligence Lab – 6****Code:**

```
alive(anil).
alive(X) :- not(killed(X)).
not(killed(X)) :- alive(X).
food(apple).
food(vegetable).
food(Y) :- eats(X, Y), not(killed(X)).
likes(john,X) :- food(X).
eats(anil, peanuts).
eats(harry, X) :- eats(anil, X).
```

Output:

```
~ /Doc/c/nitr/artificial-intelligence-lab master ?1 swipl
Welcome to SWI-Prolog (threaded, 64 bits, version 8.4.0)
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).

?- [fol_cnf].
true.

?- likes(john, peanuts).
true .

?- likes(john, apple).
true .

?- likes(anil, peanuts).
false.

?- 
```