

lab2cont.pl

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lab2cont.pl

```
likes(sachin,cricket).  
likes(saurav,cricket).  
likes(raj,football).  
likes(karan,basketball).  
likes(indra,chess).  
likes(parth,X):-likes(saurav,X).
```

SWI-Prolog (AMD64, Multi-threaded, version 6.4.0)

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Please visit <http://www.swi-prolog.org> for details.

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

```
1 ?-
% c:/users/adain/onedrive/documents/prolog/lab2cont compiled 0.00 sec, 7 clauses
1 ?- likes(X,cricket).
X = sachin ;
X = saurav ;
X = parth.

2 ?- likes(raj,cricket).
false.

3 ?- likes(X,Y).
X = sachin,
Y = cricket ;
X = saurav,
Y = cricket ;
X = raj,
Y = football ;
X = karan,
Y = basketball ;
X = indra,
Y = chess ;
X = parth,
Y = cricket.

4 ?- likes(X,Y),not(Y=cricket).
X = raj,
Y = football ;
X = karan,
Y = basketball ;
X = indra,
Y = chess ;
false.

5 ?- likes(X,_).
X = sachin ;
X = saurav ;
X = raj ;
X = karan ;
X = indra ;
X = parth.

6 ?- ■
```