

COMP 3120 – Exercise 6

1. Load [e6.pl](#). This has a list of foods some people consider difficult to eat, and some statements about people who like to eat them. What are the results of these statements? Remember that you can find other possible results by pressing the spacebar.

- `likes(phil,injera).`
- `likes(hamed,X).`
- `likes(piper,X).`
- `likes(jetset,X).`
- `likes(X,durian).`
- `likes(X,garlic).`

Include the results of these statements as comments in the file (use the % character).

2. Add some statements to `e6.pl` to include some more foods you think are difficult to eat, and some people who like to eat them.
3. My friend Jetset actually loves all food that is difficult to eat. Write a rule to express this.
4. Optional: do the exercises from Learn Prolog Now!
www.learnprolognow.org/lpnpage.php?pagetype=html&pageid=lpn-htmlse3

Submit your version of `e6.pl` by pasting the text of the code into the Moodle assignment page.

The content of `e6.pl` is included on the next page:

difficultfood(bluecheese).
difficultfood(durian).
difficultfood(garlic).
difficultfood(gejang).
difficultfood(injera).
difficultfood(jalapeno).
difficultfood(maatjes).
difficultfood(natto).
difficultfood(slurpee).
difficultfood(stinkytofu).
difficultfood(uni).
difficultfood(marshmallow).

likes(eri,garlic).
likes(eri,jalapeno).
likes(eri,slurpee).
likes(hamed,uni).
likes(phil,bluecheese).
likes(phil,garlic).
likes(phil,injera).
likes(piper,gejang).
likes(piper,maatjes).
likes(piper,natto).
likes(meredith,marshmallow).