

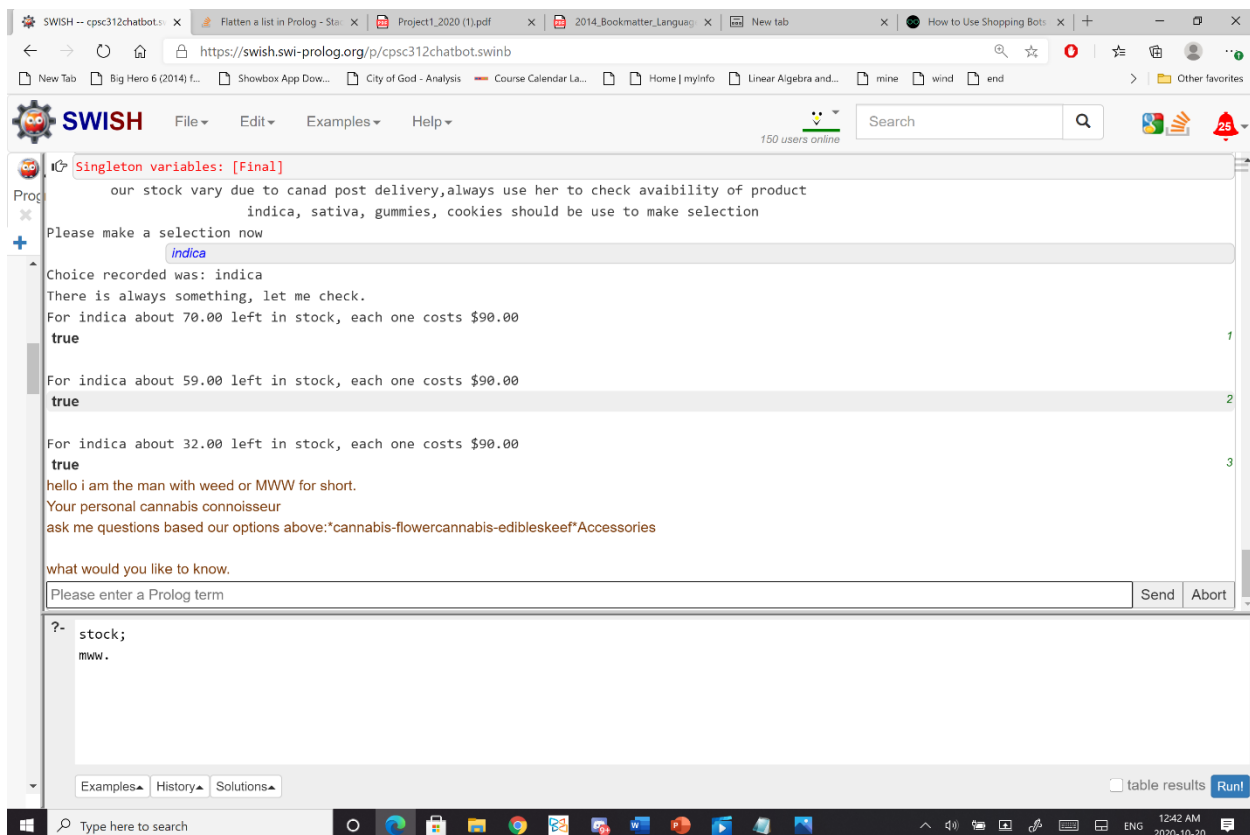
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Chatbot for new dispensary, with limited features like ask the user to state what they need done base on the options available in the stores, then displaying a list of available date base on that option(basically chatbot tool guide to what the stores has), done in prolog. Another function is it display inventory status of either cannabis strain(flower) or gummies.

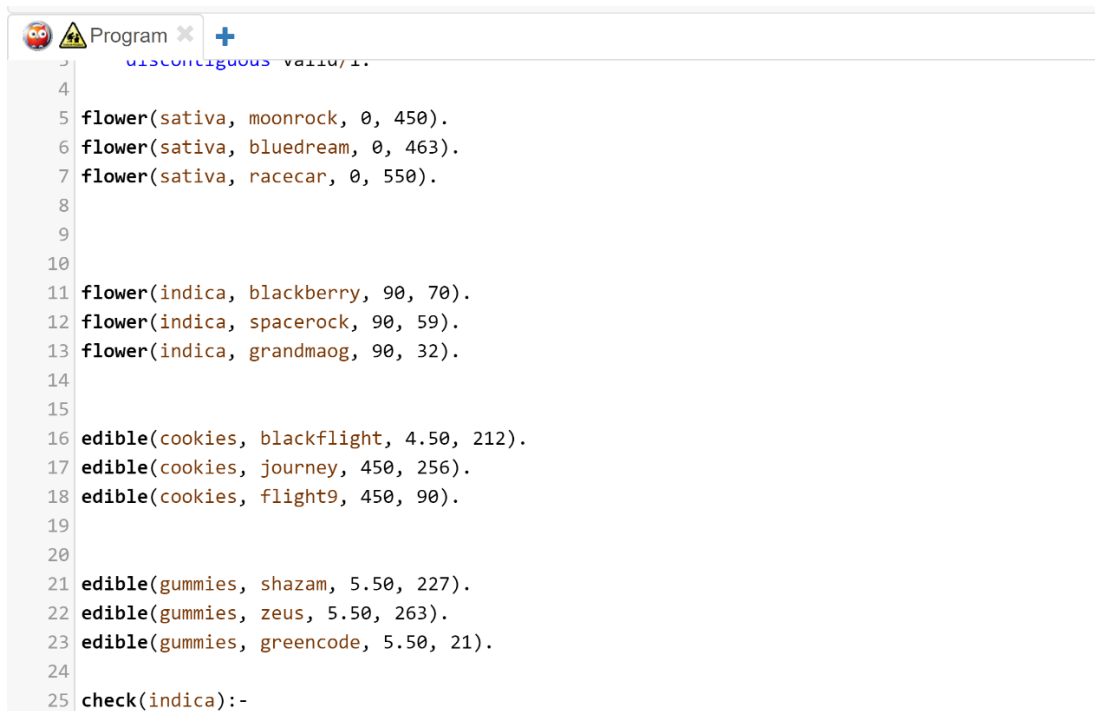
Runs by writing stock;mww into the query



Our code functionnalty is started by typing the word either mww to lunch the general inventory, or stock to lunch the inventory control using props and check in the panel this creates the a prompt that starts by greating user, then follows to display a list of available item so they choose which they are interest in.

### The Stock function

My props include flower type includes strain, strain main, amount in inventory and cost.

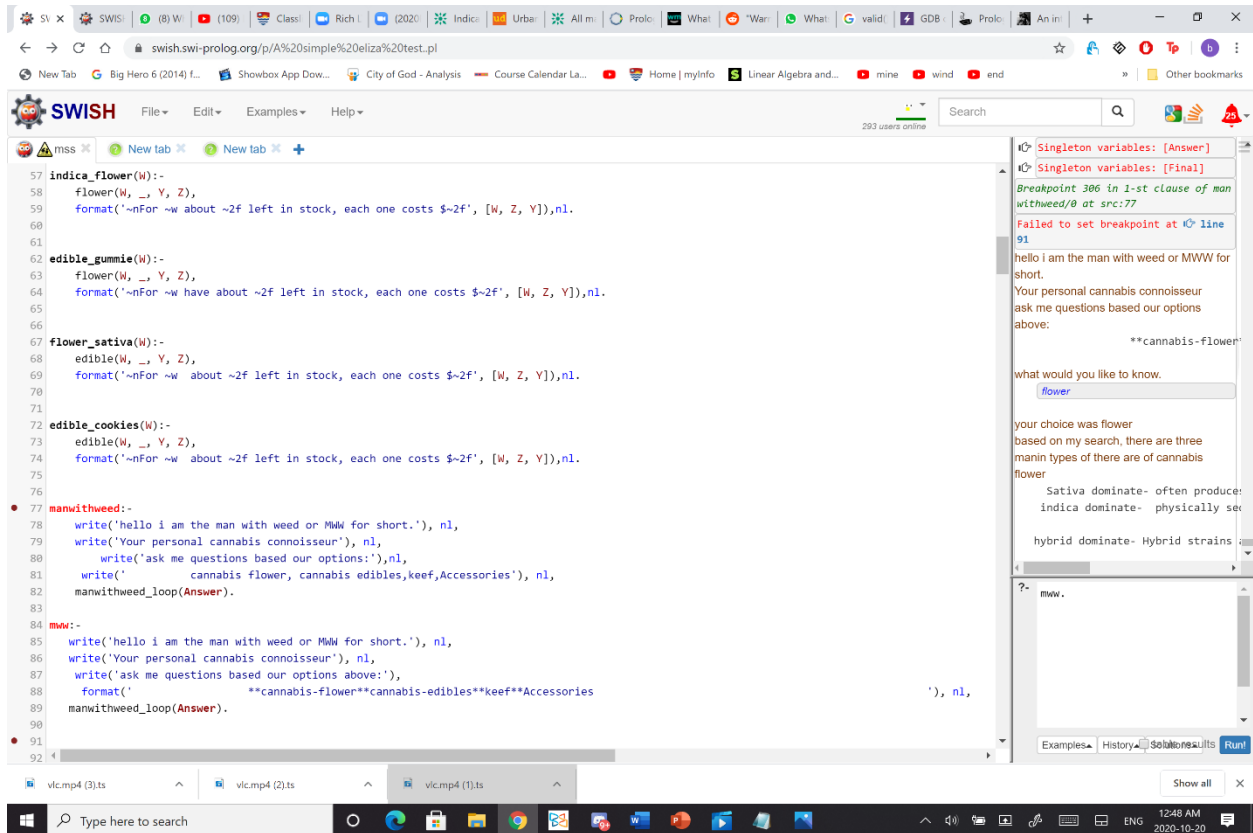


```
1  discontinuous variable.
2
3
4
5  flower(sativa, moonrock, 0, 450).
6  flower(sativa, bluedream, 0, 463).
7  flower(sativa, racecar, 0, 550).
8
9
10
11 flower(indica, blackberry, 90, 70).
12 flower(indica, spacerock, 90, 59).
13 flower(indica, grandmaog, 90, 32).
14
15
16 edible(cookies, blackflight, 4.50, 212).
17 edible(cookies, journey, 450, 256).
18 edible(cookies, flight9, 450, 90).
19
20
21 edible(gummies, shazam, 5.50, 227).
22 edible(gummies, zeus, 5.50, 263).
23 edible(gummies, greencode, 5.50, 21).
24
25 check(indica):-
```

## Code for validating availibilty

```
21 edible(gummies, shazam, 5.50, 227).
22 edible(gummies, zeus, 5.50, 263).
23 edible(gummies, greencode, 5.50, 21).
24
25 check(indica):-
26     format('There is always something, let me check.'),
27     indica_flower(indica).
28
29
30 check(gummies):-
31     format('There is always something, let me check.'),
32     edible_gummie(gummies).
33
34
35 check(sativa):-
36     format('There is always something, let me check.'),
37     flower_sativa(sativa).
38
39 check(cookies):-
40     format('there is always something, let me check'),
41     edible_cookies(cookies).
42
43 stock:-
44     format('    our stock vary due to canad post delivery,always use her to check avaibility o
45     indica, sativa, gummies, cookies should be use to make selection '),
46     responseLoop(_).
47
48
49
50 responseLoop(_):-
51     format('\nPlease make a selection now'),
52     read(X),
53     format('Choice recorded was: ~w\n', [X]),
54     check(X).
55
```

The image above consist of the check factor used to identify the strain for both flower and edibles, a loop to read user input and verify the check word(strain). These functions below are called in their corresponding check functions in the image above and are used to skip the strain name the of the flower in inventory.



Mww-

Then it link to the next function which is the mww which the weed consnieur.

This just use fact use also uses the user input and displays the general inventory with some more like searching info of a strain, by using the name

Singleton variables: [final]

hello i am the man with weed or MWW for short.

Your personal cannabis connoisseur

ask me questions based our options above:\*cannabis-flowercannabis-edibleskeef\*Accessories

what would you like to know.

flower

your choice was flower

based on my search, there are three main types of there are of cannabis flower

Sativa dominate- often produces a "mind high," or an energizing, anxiety-reducing effect.

Indica dominate- physically sedating, perfect for relaxing with a movie or as a nightcap before bed

Hybrid dominate- Hybrid strains are a balance of indica and sativa effects.

which of these are you interested in

indica

your choice was indica

under this strain include, the strains here include

Gorilla glue

basecase

zombie OG

blue dream

what would you like to know.

grandmacookies

your choice was grandmacookies

based on my search, indica dominate,hybrid 60/40

what would you like to know.

accessories

your choice was accessories

based on my search, several items are consider cannabis if they, aid the ingestion, or consumption of cannabis

grinder- for mashing up flower into fine sooth for smoking

pipe- metal or glass piece of smoking marijuana

bongs- metal or rubber also for smoking marijuna

paper- for those who enjoy roling thir own jointswhat accesories are you looking for today

what would you like to know.

?- stock;  
mww.

In this part I have a bunch of asserted inventory for the store like cannabis flower, cannabis edibles, keef and accessories. Once you type in one of these options into

the display panel, it should displays the info. It uses prolog valid to check if user input matches the inventory.

```
1 manwithweed:-
2     write('hello i am the man with weed or MMW for short. '), nl,
3     write('Your personal cannabis connoisseur'), nl,
4     write('ask me questions based our options:'), nl,
5     write('        cannabis flower, cannabis edibles, keef, Accessories'), nl,
6     manwithweed_loop(Answer).
7
8 MMW:-
9     write('hello i am the man with weed or MMW for short. '), nl,
10    write('Your personal cannabis connoisseur'), nl,
11    write('ask me questions based our options above:'),
12    format('        **cannabis-flower**cannabis-edibles**keef**Accessories'), nl,
13    manwithweed_loop(Answer).
14
15 manwithweed_loop(Answer):-
16     nl, write('what would you like to know. '),
17     read(Answer), nl,
18     write('your choice was '), write( Answer ), nl, write(' based on my search, '),
19     valid(Answer).
20
21 valid(flower):-write('there are three main types of there are of cannabis flower'), nl,
22     format('        Sativa dominate- often produces a "mind high," or an energizing, anxiety-reducing effect. '), nl,
23     format('        indica dominate- physically sedating, perfect for relaxing with a movie or as a nightcap before bed'), nl,
24     format('        hybrid dominate- Hybrid strains are a balance of indica and sativa effects.' ), nl,
25     write('which of these are you interested in'),
26     read(Answer),
27     write('your choice was '), write(Answer), nl, write(' under this strain include, '),
28     valid(Answer),
29     manwithweed_loop(Answer).
30
31 valid(sativa):-write("the strains in sativa include"), nl,
32     write("    scout cookies"), nl,
33     write("    God herb"), nl,
34     write("    masterchief"), nl,
35     write("    Quadbaby"), nl,
36     manwithweed_loop(Answer).
37
38 valid(indica):-write('the strains here include'), nl,
39     write("    Gorilla glue"), nl,
40     write("    basecase"), nl,
41     write("    zombie OG"), nl,
42     write("    blue dream"), nl,
43     manwithweed_loop(Answer).
44
45 valid(hybrid):-write('the strains under hybrid include'), nl,
46     write("    monster OG"), nl,
```

Code.