


Instructions for running manhattan.pl

Get the contexts of:

https://github.com/MapRock/assemblage-of-artificial-intelligence/blob/main/src/products_of_system_2/manhattan_cocktail.pl

Navigate to the prolog test site: <https://swish.swi-prolog.org/>

Paste the content of manhattan_cocktail.pl:



The screenshot shows the SWISH web interface at <https://swish.swi-prolog.org>. The interface includes a menu bar with 'File', 'Edit', 'Examples', and 'Help'. Below the menu is a tab labeled 'Program' with a plus sign to add more. The main area contains a Prolog program with the following code:

```
1 manhattan_type(classic).
2 manhattan_type(dry).
3 manhattan_type(perfect).
4
5 vermouth_for(classic, sweet_vermouth).
6 vermouth_for(dry, dry_vermouth).
7 vermouth_for(perfect, half_sweet_half_dry).
8
9 base_for_manhattan(rye_whiskey).
10
11 bitters_for_manhattan(angostura_bitters).
12
13 garnish_for_manhattan(maraschino_cherry).
14
15 % Copy manhattan_options.pl and manhattan_cocktail.pl to c:/temp/.
16
17 recipe_steps(Type, Steps) :-
18     base_for_manhattan(Base),
19     vermouth_for(Type, Vermouth),
20     bitters_for_manhattan(Bitters),
21     garnish_for_manhattan(Garnish),
22
23     Steps = [
24         add(2, oz, Base),
25         add(1, oz, Vermouth),
26         add('2-3', dashes, Bitters),
27         fill_with(ice),
28         stir('20-30_seconds'),
29         strain(into_glass),
30         garnish(Garnish)
31     ].
32
```

Towards the lower right, enter the test query:

- **recipe_steps(classic, Steps)**
- **recipe_steps(dry, Steps)**

Click Run:



recipe(dry,Steps)



procedure `recipe(A,B)' does not exist



recipe_steps(dry,Steps)



Steps =

```
[add(2,oz,rye_whiskey), add(1,oz,dry_vermouth), add("2-3",dashes,angostura_bitters),  
fill_with(ice), stir("20-30_seconds"), strain(into_glass), garnish(maraschino_cherry)]
```



recipe_steps(classic ,Steps)



Steps =

```
[add(2,oz,rye_whiskey), add(1,oz,sweet_vermouth), add("2-3",dashes,angostura_bitters),  
fill_with(ice), stir("20-30_seconds"), strain(into_glass), garnish(maraschino_cherry)]
```

?-

```
recipe_steps(classic  
              ,Steps)
```

Examples▲

History▲

Solutions▲

☐ table results

Run!