

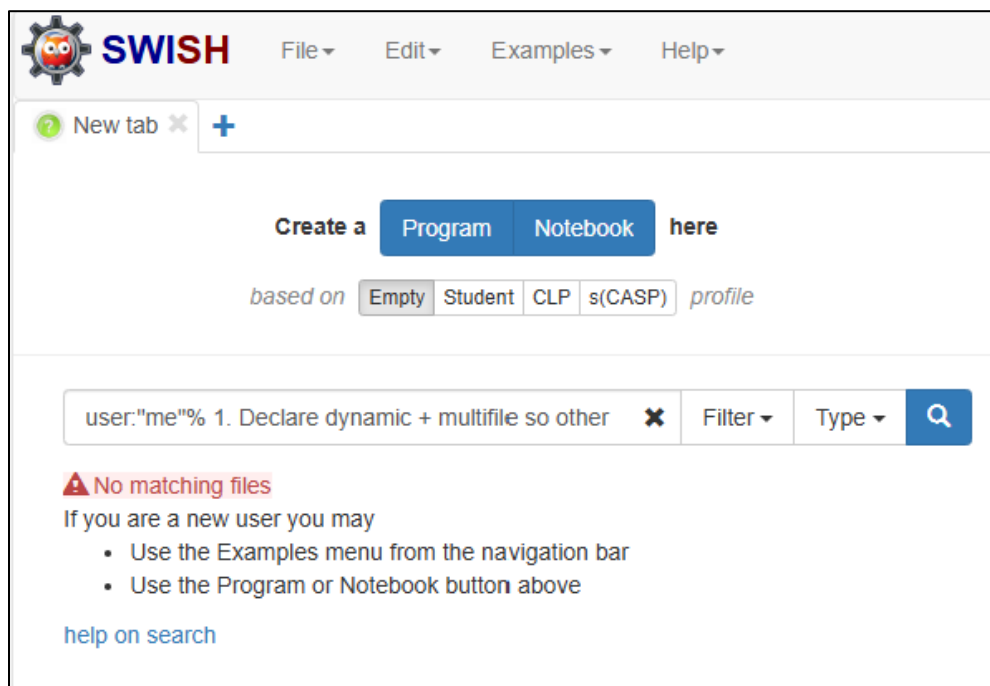
Instructions for running manhattan.pl

Get the contexts of:

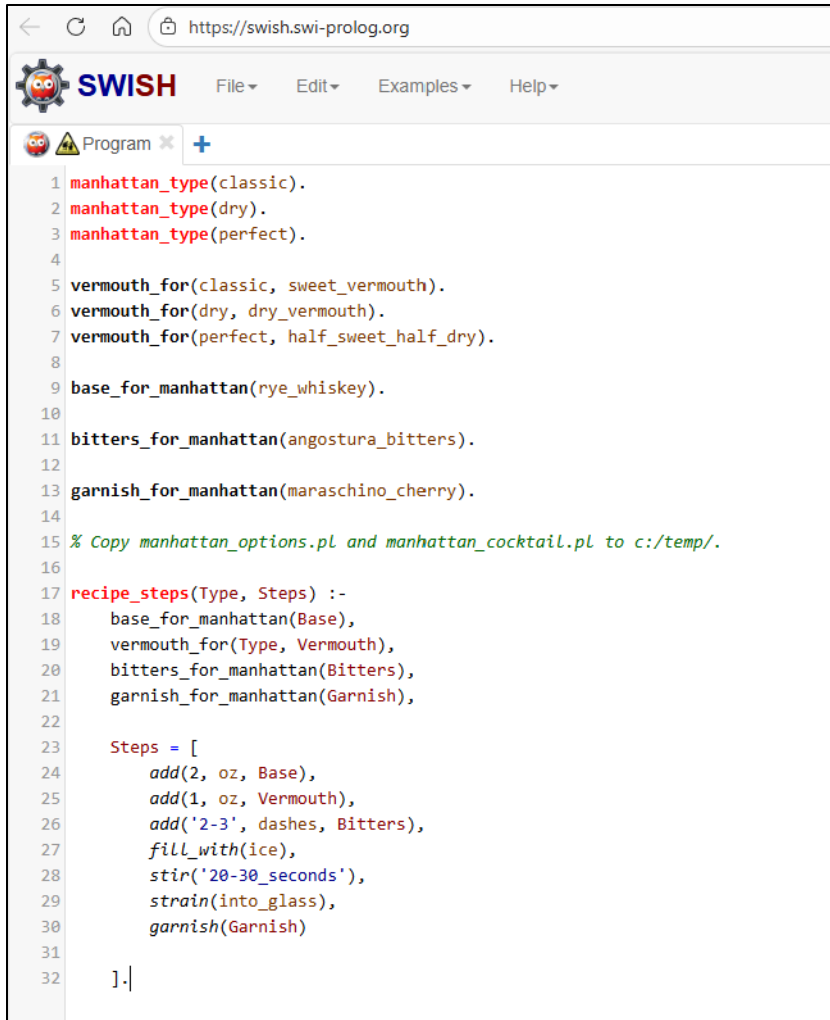
https://github.com/MapRock/assemblage-of-artificial-intelligence/blob/main/src/products_of_system_2/manhattan_cocktail.pl

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

Click Program:



Paste the content of manhattan_cocktail.pl:



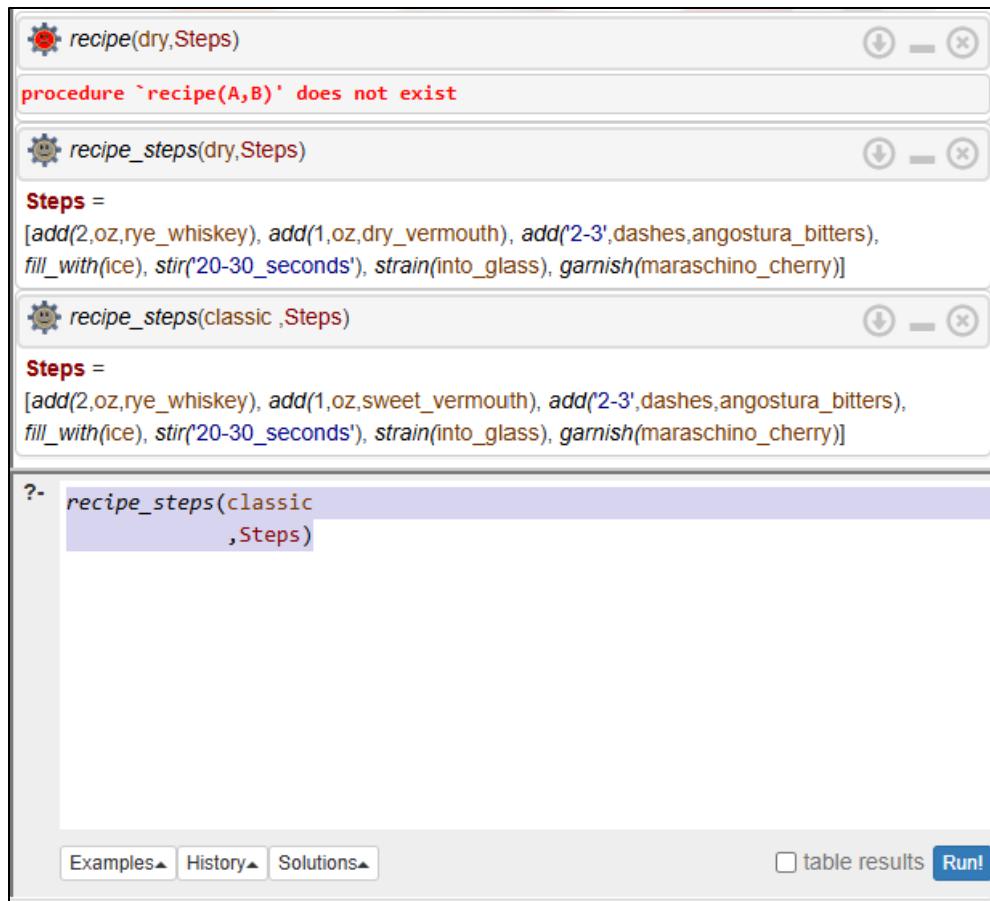
The screenshot shows the SWISH web interface at <https://swish.swi-prolog.org>. The browser's address bar and the SWISH logo are visible at the top. Below the logo is a menu bar with 'File', 'Edit', 'Examples', and 'Help'. A tab labeled 'Program' is open. The main area contains a Prolog program with 32 lines of code. The code defines predicates for Manhattan cocktails, including `manhattan_type`, `vermouth_for`, `base_for_manhattan`, `bitters_for_manhattan`, and `garnish_for_manhattan`. It also includes a comment about copying files and a `recipe_steps` predicate that takes a type and a list of steps. The steps list includes adding base, vermouth, bitters, filling with ice, stirring, straining, and garnishing.

```
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:



Download swipl

1. Only download from the official site

Go to: <https://www.swi-prolog.org/download/stable>

For Windows you want something like:

swipl-9.x.x-win64.exe

Do **not** download it from random mirrors or file sites.

2. Verify the download before installing

Windows has a built-in way to confirm the file hasn't been altered.

Open **PowerShell** and run:

Get-FileHash swipl-9.x.x-win64.exe

Compare the hash to the one listed on the SWI-Prolog download page (if provided).

If the hash matches, the file hasn't been tampered with.

3. Install

*When installing, be sure to add to **PATH**.*

5. After installing

Open a terminal (I used Powershell) and type:

swipl

You should see something like:

Welcome to SWI-Prolog

?-

Then load your file:

consult('manhattan_recipe.pl').