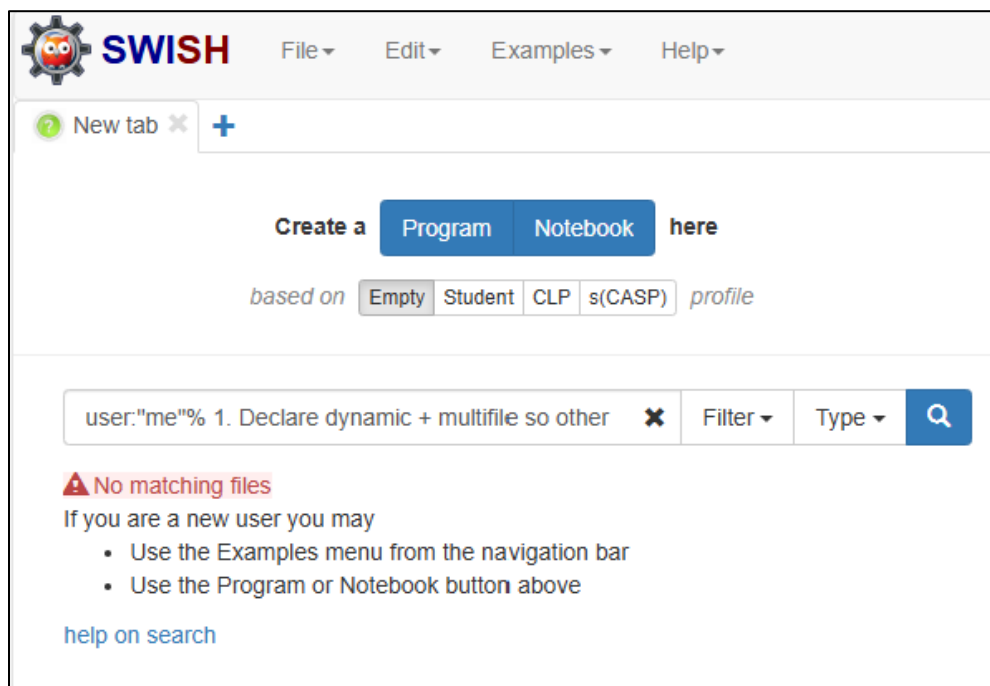# Instructions for running manhattan.pl
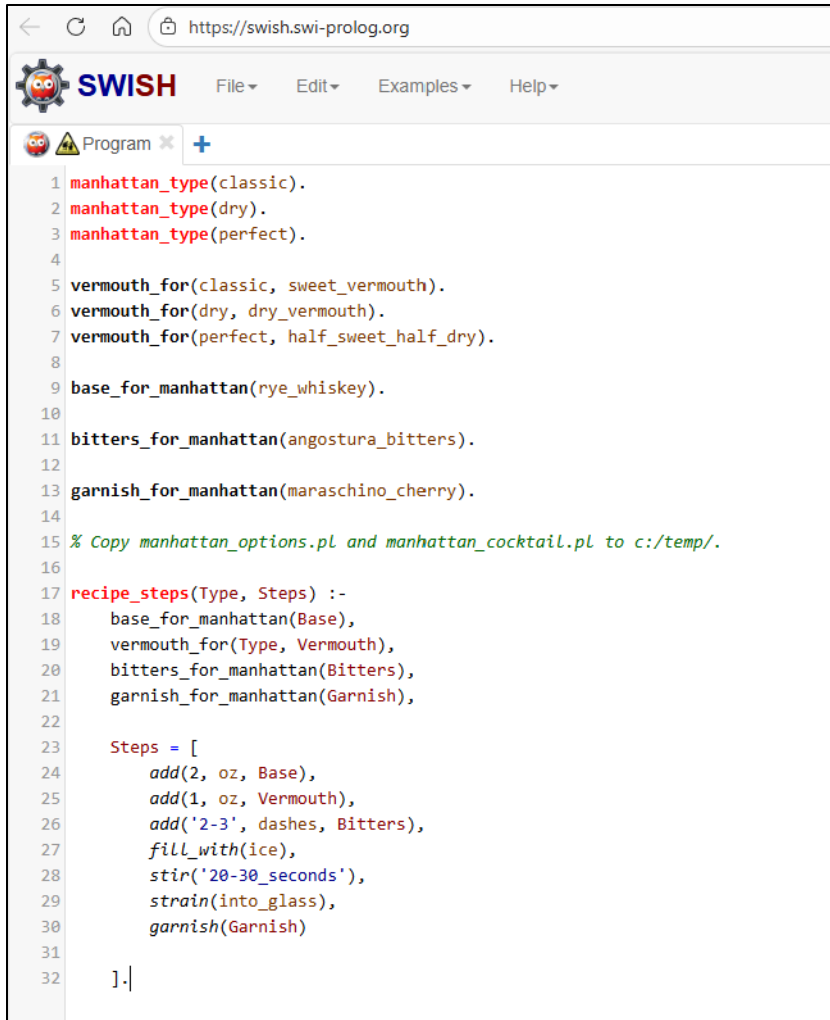
Get the contexts of:

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:

```
SWISH    File ▾    Edit ▾    Examples ▾    Help ▾

⚠ Program ✕  +

 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!**