(1) Prolog Program (weather.pl)
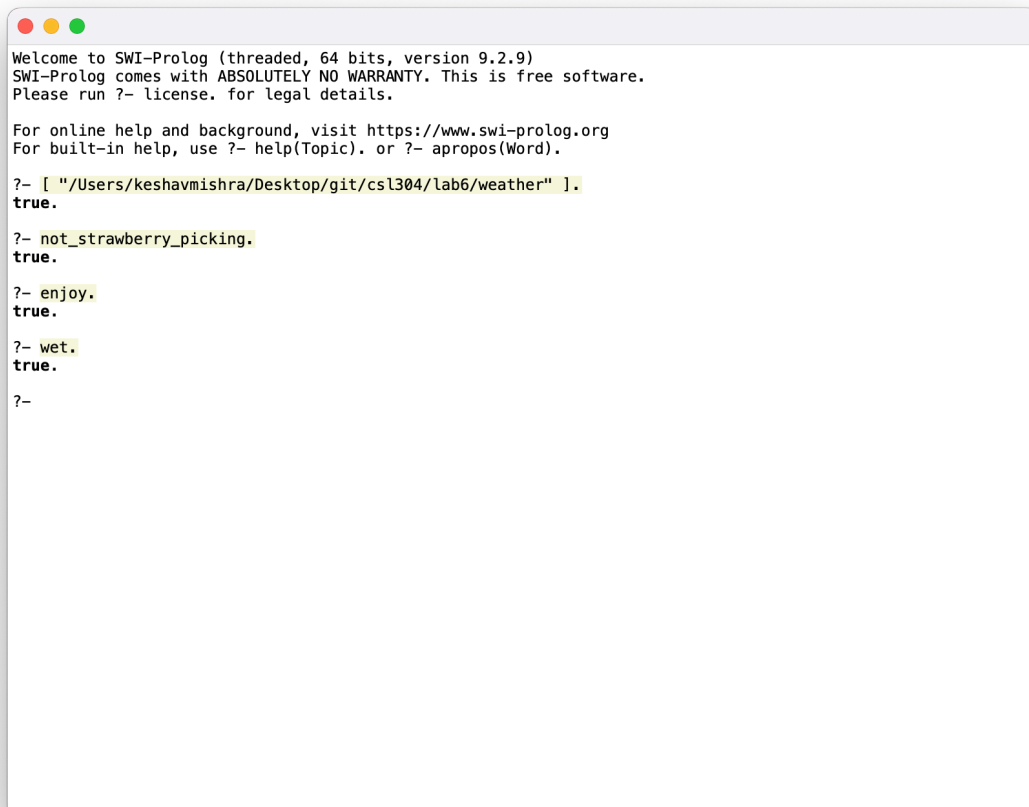
```
% -------- FACTS --------
warm.
raining.
sunny.
pleasant.


% -------- RULES --------
enjoy :- sunny, warm.
strawberry_picking :- warm, pleasant.
not_strawberry_picking :- raining.
wet :- raining.
```

(2) Goals (Queries) and Refutation Explanation

Goal 1: You are not doing strawberry picking.
Rule   : not_strawberry_picking ;- raining.
Because raining is a fact, Prolog deduces not_strawberry_picking.

Goal 2: You will enjoy.
Rule   : enjoy :- sunny, warm.
Because both sunny and warm are facts, enjoy can be derived.

Goal 3: You will get wet.
Rule   : wet :- raining.
Because raining is a fact, Prolog infers wet.

```
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For built-in help, use ?- help(Topic). or ?- apropos(Word).

?- [ "/Users/keshavmishra/Desktop/git/csl304/lab6/weather" ].
true.

?- not_strawberry_picking.
true.

?- enjoy.
true.

?- wet.
true.

?-
```

Screenshot of the output