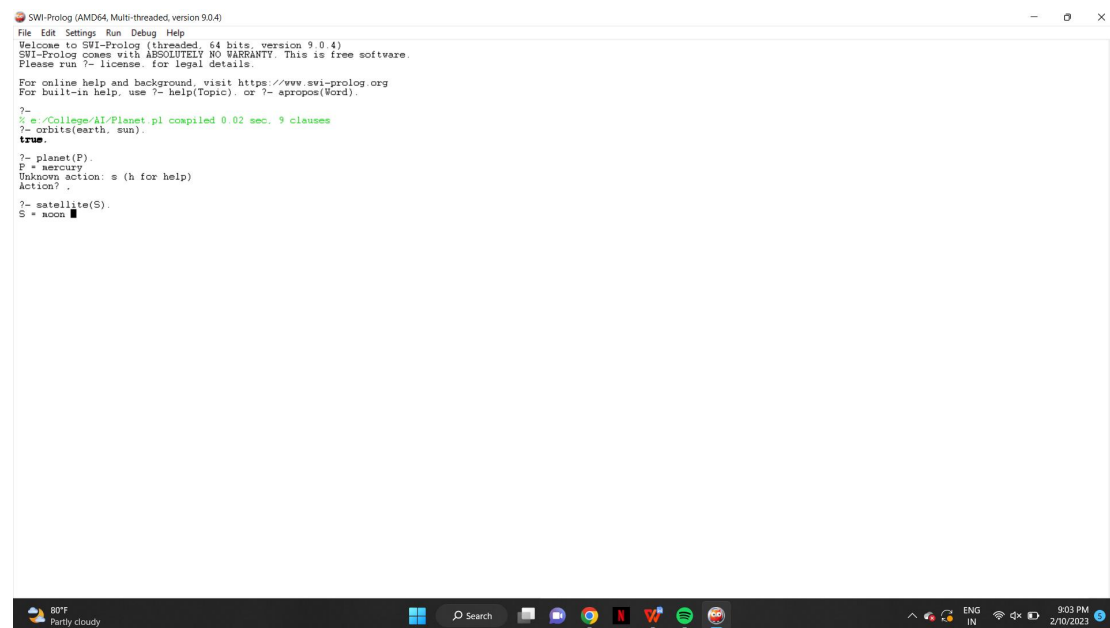# EXPERIMENT-29

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Q) Write a Prolog Program for PLANETS DB.

PROGRAM:

```
orbits(mercury, sun).
orbits(venus,   sun).
orbits(earth,   sun).
orbits(mars,    sun).
orbits(moon, earth).
orbits(phobos, mars).
orbits(deimos, mars).
planet(P) :- orbits(P,sun).
satellite(S) :- orbits(S,P), planet(P).
```

OUTPUT: