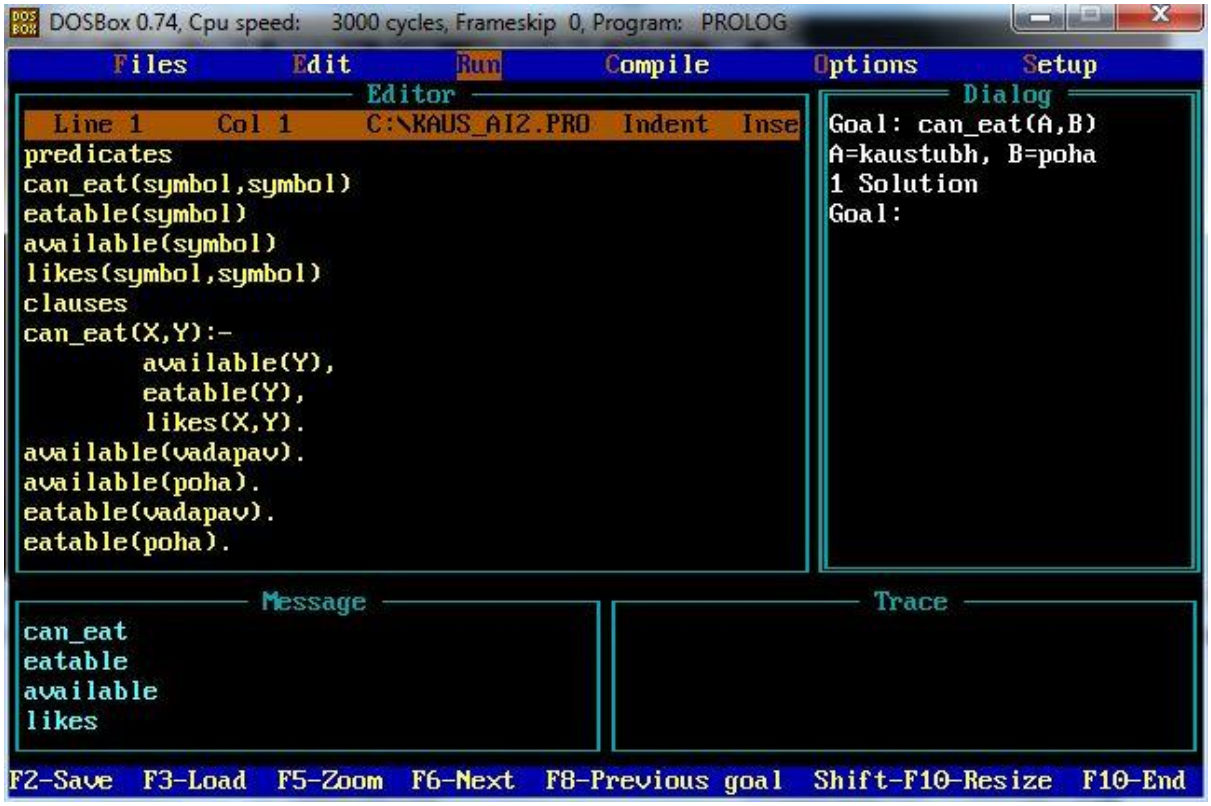
Practical 2: Learn Backtracking and Unification. Implement Medical diagnosis system with PROLOG.

```
predicates

can_eat(symbol,symbol)

eatable(symbol)

available(symbol)

likes(symbol,symbol)

clauses

can_eat(X,Y):-

        available(Y),

        eatable(Y),

        likes(X,Y).

available(vadapav).

available(poha).

eatable(vadapav).

eatable(poha).

eatable(thepla).

eatable(panipuri).

likes(kaustubh,poha).

likes(smit,thepla).
```


DOSBox 0.74, Cpu speed: 3000 cycles, Frameskip 0, Program: PROLOG
Files Edit Run Compile Options Setup
Editor
Line 1 Col 1 C:\KAUS_AI2.PRO Indent Inse
predicates
can_eat(symbol,symbol)
eatable(symbol)
available(symbol)
likes(symbol,symbol)
clauses
can_eat(X,Y):-
available(Y),
eatable(Y),
likes(X,Y).
available(vadapav).
available(poha).
eatable(vadapav).
eatable(poha).
Dialog
Goal: can_eat(A,B)
A=kaustubh, B=poha
1 Solution
Goal:
Message
can_eat
eatable
available
likes
Trace
F2-Save F3-Load F5-Zoom F6-Next F8-Previous goal Shift-F10-Resize F10-End