

## 18. Write a Prolog Program to suggest Dieting System based on Disease.

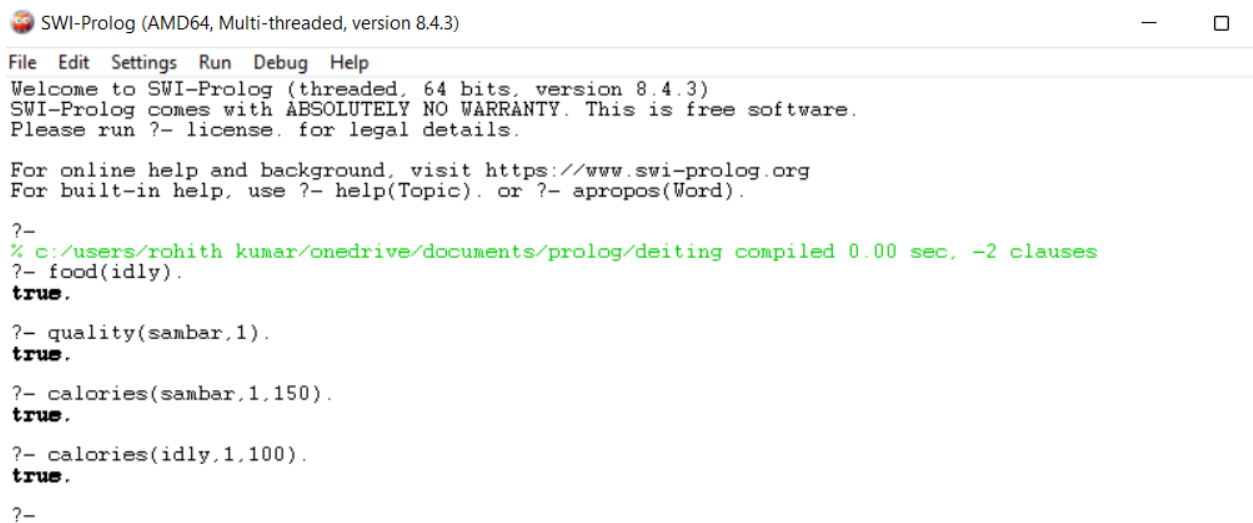
### Program:

```
food(idly).  
food(dosa).  
food(rice).  
food(sambar).  
food(suger).
```

```
quality(idly,1).  
quality(dose,1).  
quality(rice,1).  
quality(sambar,1).  
quality(suger,1).
```

```
calories(idly,1,100).  
calories(dose,1,250).  
calories(rice,1,200).  
calories(sambar,1,150).  
calories(suger,1,30).
```

### OUTPUT:



```
SWI-Prolog (AMD64, Multi-threaded, version 8.4.3)
File Edit Settings Run Debug Help
Welcome to SWI-Prolog (threaded, 64 bits, version 8.4.3)
SWI-Prolog comes with ABSOLUTELY NO WARRANTY. This is free software.
Please run ?- license. for legal details.

For online help and background, visit https://www.swi-prolog.org
For built-in help, use ?- help(Topic). or ?- apropos(Word).

?- % c:/users/rohith kumar/onedrive/documents/prolog/deiting compiled 0.00 sec, -2 clauses
?- food(idly).
true.

?- quality(sambar,1).
true.

?- calories(sambar,1,150).
true.

?- calories(idly,1,100).
true.

?-
```