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**EXP 24: Write a Prolog Program to suggest Dieting System based on Disease**

**AIM:**

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

**PROGRAM:**

% 24. Prolog Program for Dieting System

diet(diabetes, 'Avoid sugar, take high fiber foods').

diet(hypertension, 'Low salt diet, avoid oily food').

diet(obesity, 'Low fat diet, more fruits and vegetables').

diet(anemia, 'Iron rich foods like spinach, beetroot, jaggery').

% Query examples:

% ?- diet(diabetes, Plan).

% ?- diet(hypertension, Plan).

**Query:**

?- diet(obesity,Plan).

OUTPUT:



**RESULT:**

Thus, the output is verified Prolog Program to suggest Dieting System based on Disease.