

Exp 24 Write a Prolog Program to suggest Dieting System based on Disease.

% Facts: diet recommendations for diseases

diet(diabetes, 'Avoid sugar, eat whole grains, vegetables, lean proteins.').

diet(hypertension, 'Low salt diet, more fruits and vegetables, avoid fried food.').

diet(obesity, 'Low calorie diet, avoid junk food, eat more salads and fruits.').

diet(anemia, 'Iron rich foods like spinach, red meat, beans, and vitamin C.').

diet(cardiac, 'Low fat diet, avoid red meat, eat fish, oats, and green vegetables.').

% Rule: suggest diet

suggest_diet(Disease, Diet) :- diet(Disease, Diet)

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?-
% c:/users/administrator/documents/prolog/dieting sytem compiled 0.00 sec, 0 clauses
?-
| suggest_diet(anemia, Diet).
Diet = 'Iron rich foods like spinach, red meat, beans, and vitamin C.'.
?- ■
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