

1. Write a Prolog program with FName, SName, Sex, Age and Occupation
person(frances, wilson, female,28,architect).
person(fred, jones,male,62,doctor).
person(paul, smith, male,45,plumber).
person(martin, williams, male,23,chemist).
person(mary jones, female, 24, programmer).
person(martin, johnson,male,47,solicitor).

Program :

% Facts

person(frances, wilson, female, 28, architect).

person(fred, jones, male, 62, doctor).

person(paul, smith, male, 45, plumber).

person(martin, williams, male, 23, chemist).

person(mary_jones, female, 24, programmer).

person(martin, johnson, male, 47, solicitor).

% Queries

% Example usage:

% ?- person(frances, wilson, female, Age, Occupation).

% Output: Age = 28, Occupation = architect.

% ?- person(Name, Surname, male, Age, doctor).

% Output: Name = fred, Surname = jones, Age = 62.

% ?- person(_, _, female, _, programmer).

% Output: true (indicating there is at least one female programmer).

% ?- person(Name, Surname, _, _, _).

% Output: This query will return all people and their details.

% You can add more queries based on your requirements.

Output :

Query to retrieve the details of Frances Wilson :

?- person(frances, wilson, female, Age, Occupation).

Output :

Age = 28, Occupation = architect.