

1. Write a Prolog program to print particular bird can fly or not using following facts  
Bird (eagle)  
Bird (sparrow)  
Bird (penguin)  
Fly (penguin)-1, fail.  
Fly(X):- bird(X).

**Program :**

% Facts

bird(eagle).

bird(sparrow).

bird(penguin).

% Rules

fly(penguin) :- !, fail. % penguins cannot fly

fly(X) :- bird(X). % other birds can fly

% Example Queries:

% ?- fly(eagle). % Output: true

% ?- fly(sparrow). % Output: true

% ?- fly(penguin). % Output: false

% ?- fly(hawk). % Output: true (assuming hawk is a bird)

**Output :**

?- fly(eagle).

% Output: true

?- fly(sparrow).

% Output: true

?- fly(penguin).

% Output: false

?- fly(hawk).

% Output: true (assuming hawk is a bird)