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**EXP 22: Write a Prolog Program to print particular bird can fly or not. Incorporate required queries.**

**AIM:**

To Write a Prolog Program to print particular bird can fly or not. Incorporate required queries.

**PROGRAM:**

% 22. Prolog Program to check if a bird can fly

can\_fly(sparrow).

can\_fly(pigeon).

can\_fly(parrot).

can\_fly(eagle).

cannot\_fly(penguin).

cannot\_fly(ostrich).

% Rules

bird\_can\_fly(Bird) :- can\_fly(Bird).

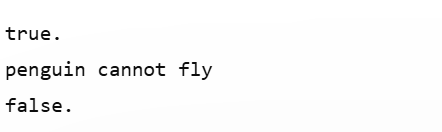
bird\_can\_fly(Bird) :- cannot\_fly(Bird), write(Bird), write(' cannot fly'), nl, fail.

**Query:**

?- bird\_can\_fly(sparrow).

?- bird\_can\_fly(penguin).

OUTPUT:



**RESULT:**

Thus, the output is verified Prolog Program to print particularbird can fly or not. Incorporate required queries.