**AI FOR LLM- CSA1704**

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

**CODE:**

% Facts: bird(Name).

bird(sparrow).

bird(eagle).

bird(parrot).

bird(penguin).

bird(ostrich).

% Facts: cannot\_fly(Name).

cannot\_fly(penguin).

cannot\_fly(ostrich).

% Rule: A bird can fly if it is a bird and not in cannot\_fly list

can\_fly(X) :-

bird(X),

\+ cannot\_fly(X).

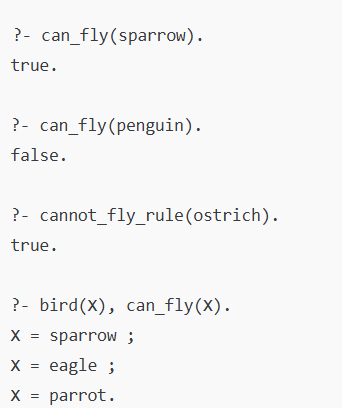
% Rule: A bird cannot fly if explicitly listed

cannot\_fly\_rule(X) :-

bird(X),

cannot\_fly(X).

**OUTPUT:**

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