

## Expt 8

### Implementation of Knowledge. representation schemes - Use Cases.

Aim:- Implementation of Knowledge.  
representation schemes

Initial State

? (make a  
guess)

Final State

Yes or learn.  
a new concept

### Problem Formulation

Give some classification rule and some predefined clauses, guess an animal let your machine predict it, if the machine is unable to predict the animal, it will ask the answer and store in its knowledge base.

### Problem Solving.

Imagine an Animal. (You are only answered to answer Yes or No).

→ Does it have fur?

→ Yes.

→ Does it have dark spots?

⇒ Yes.

→ Is it fastest animal?  
→ No.

Were you

→ thinking

of

leopard

I knew