Unification and Resolution

Hart Prote

Theorem .?

From: UNE

to exit the parted interpreter

Ex: No: 8

Date:

Afm:

To execute programme based on unification and resolution. Deduction in prolog is based on the unification and Instantiation. Matching terms are unified and variables get instantiated.

Procedure for execulting prologi programs on unification and resolution

- 1. Set up Prolog environment: open your prolog interpreter
- 21 creating a knowledge base file:

open a text editor and some the following prolog code as resolution - Kb. pl;

3. load the knowledge base:

In your prolog interpreter, load the knowledge base

4. Define goals for Refutation: For Goal 1: Prove not strawberry picting For Good 2: Prove enjoy 5. Execute queries for each Goal: For Goal 1: check it stromberry. picking is true For Good 2: check it not (enjoy) is true b. Review results merch published to with an 7. conclusion 8. Exit Prolog: wants of made delicated After testing all goals type: ? - halt. Paradure for Frezy Logic Edge dedector: 910 ?- not strawberry-picking is topen mature: Ersons mor have a cook is some ? - enjoy in radiost prisswarg sport with their Desir trolbex hotelled. true Bord (volves prosper) 1. Red the ref Image I corner the arousen's step 3: coment image to double - precion dule I would be charled it Start A: Obtom incaps of rate

Result:

The Program was Successfully executed and the continue of the result of the continue of the continue