

EXP NO : 8 - UNIFICATION AND RESOLUTION

AIM :

To execute a program based on unification and Resolution.

ALGORITHM :

- 1) Define enjoy if its sunny and warm
- 2) Define strawberry-picking if its warm and pleasant
- 3) Define not strawberry-picking if its raining
- 4) Define wet if its raining
- 5) Set current conditions : warm, raining and sunny.

CODE :

enjoy :- sunny, warm.

strawberry-picking :- warm, pleasant.

not strawberry-picking :- raining.

wet :- raining.

warm.

raining.

sunny.

OUTPUT :

?- not strawberry-picking ?- enjoy ?- wet

true true true

RESULT :

Thus the program based on unification and resolution is successfully executed and verified.