PRACTICAL NO.08

Aim: Write a Prolog Program for Resolution (Negation).

Theory: Resolution: In simple words resolution is inference mechanism. Let's say we have

clauses m :- b. and t :- p, m, z. So from that we can infer t :- p, b, z. - that is called resolution.

Means, when you resolve two clauses you get one new clause. Another easy example, we have

two sentences (1) All women like shopping. (2) Olivia is a woman. Now we ask query 'Who likes

shopping'. So, by resolving above sentences we can have one new sentence Olivia like

shopping.

Program:

Snapshot of output:

Conclusion: Successfully implemented Prolog Program for Resolution.