PROLOG 3 :

/Simple disease/

domains

disease,indication,name = symbol

predicates

hypothesis(name,disease)

symptom(name,indication)

clauses

symptom(amit,fever).

symptom(amit,rash).

symptom(amit,headache).

symptom(amit,runn\_nose).

symptom(kaushal,chills).

symptom(kaushal,fever).

symptom(kaushal,hedache).

symptom(dipen,runny\_nose).

symptom(dipen,rash).

symptom(dipen,flu).

hypothesis(Patient,measels):-

symptom(Patient,fever),

symptom(Patient,cough),

symptom(Patient,conjunctivitis),

symptom(Patient,rash).

hypothesis(Patient,german\_measles) :-

symptom(Patient,fever),

symptom(Patient,headache),

symptom(Patient,runny\_nose),

symptom(Patient,rash).

hypothesis(Patient,flu) :-

symptom(Patient,fever),

symptom(Patient,headache),

symptom(Patient,body\_ache),

symptom(Patient,chills).

hypothesis(Patient,common\_cold) :-

symptom(Patient,headache),

symptom(Patient,sneezing),

symptom(Patient,sore\_throat),

symptom(Patient,chills),