symptom(Patient,frequent\_urination) :-

write\_list(['Does ',Patient,' have a frequent\_urination (y/n) ?']),

response(Reply),

Reply='y'.

symptom(Patient,excessive\_thirst) :-

write\_list(['Does ',Patient,' have a excessive\_thirst (y/n) ?']),

response(Reply),

Reply='y'.

symptom(Patient,weight\_loss) :-

write\_list(['Does ',Patient,' have a weight\_loss (y/n) ?']),

response(Reply),

Reply='y'.

symptom(Patient,fatigue) :-

write\_list(['Does ',Patient,' have a fatigue (y/n) ?']),

response(Reply),

Reply='y'.

symptom(Patient,blurry\_vision) :-

write\_list(['Does ',Patient,' have a blurry\_vision (y/n) ?']),

response(Reply),

Reply='y'.

symptom(Patient,shortness\_of\_breath) :-

write\_list(['Does ',Patient,' have a shortness\_of\_breath (y/n) ?']),

response(Reply),

Reply='y'.

symptom(Patient,wheezing) :-

write\_list(['Does ',Patient,' have a wheezing (y/n) ?']),

response(Reply),

Reply='y'.

symptom(Patient,chest\_tightness) :-

write\_list(['Does ',Patient,' have a chest\_tightness (y/n) ?']),

response(Reply),

Reply='y'.

symptom(Patient,difficulty\_sleeping) :-

write\_list(['Does ',Patient,' have a difficulty\_sleeping (y/n) ?']),

response(Reply),

Reply='y'.

symptom(Patient,memory\_loss) :-

write\_list(['Does ',Patient,' have a memory\_loss (y/n) ?']),

response(Reply),

Reply='y'.

symptom(Patient,confusion) :-

write\_list(['Does ',Patient,' have a confusion (y/n) ?']),

response(Reply),

Reply='y'.

symptom(Patient,difficulty\_communicating) :-

write\_list(['Does ',Patient,' have a difficulty\_communicating (y/n) ?']),

response(Reply),

Reply='y'.

symptom(Patient,disorientation) :-

write\_list(['Does ',Patient,' have a disorientation (y/n) ?']),

response(Reply),

Reply='y'.

symptom(Patient,mood\_swing) :-

write\_list(['Does ',Patient,' have a mood\_swings (y/n) ?']),

response(Reply),

Reply='y'.

symptom(Patient,chest\_pain) :-

write\_list(['Does ',Patient,' have a chest\_pain (y/n) ?']),

response(Reply),

Reply='y'.

symptom(Patient,irregular\_heartbeat) :-

write\_list(['Does ',Patient,' have a irregular\_heartbeat (y/n) ?']),

response(Reply),

Reply='y'.

symptom(Patient,sensitivity\_to\_light) :-

write\_list(['Does ',Patient,' have a sensitivity\_to\_light (y/n) ?']),

response(Reply),

Reply='y'.

symptom(Patient,sensitivity\_to\_sound) :-

write\_list(['Does ',Patient,' have a sensitivity\_to\_sound (y/n) ?']),

response(Reply),

Reply='y'.

symptom(Patient,nausea) :-

write\_list(['Does ',Patient,' have a nausea (y/n) ?']),

response(Reply),

Reply='y'.

symptom(Patient,vomiting) :-

write\_list(['Does ',Patient,' have a vomiting (y/n) ?']),

response(Reply),

Reply='y'.

symptom(Patient,tremor) :-

write\_list(['Does ',Patient,' have a tremor (y/n) ?']),

response(Reply),

Reply='y'.

symptom(Patient,bradykinesia) :-

write\_list(['Does ',Patient,' have a bradykinesia (y/n) ?']),

response(Reply),

Reply='y'.

symptom(Patient,muscle\_stiffness) :-

write\_list(['Does ',Patient,' have a muscle\_stiffness (y/n) ?']),

response(Reply),

Reply='y'.

symptom(Patient,balance\_problem) :-

write\_list(['Does ',Patient,' have a balance\_problem (y/n) ?']),

response(Reply),

Reply='y'.

symptom(Patient,difficulty\_with\_coordination) :-

write\_list(['Does ',Patient,' have a difficulty\_with\_coordination (y/n) ?']),

response(Reply),

Reply='y'.

hypothesis(Patient,diabetes) :-

symptom(Patient,frequent\_urination),

symptom(Patient,excessive\_thirst),

symptom(Patient,weight\_loss),

symptom(Patient,fatigue),

symptom(Patient,blurry\_vision).

hypothesis(Patient,asthma) :-

symptom(Patient,shortness\_of\_breath),

symptom(Patient,wheezing),

symptom(Patient,chest\_tightness),

symptom(Patient,cough),

symptom(Patient,difficulty\_sleeping).

hypothesis(Patient,alzheimer) :-

symptom(Patient,memory\_loss),

symptom(Patient,confusion),

symptom(Patient,difficulty\_communicating),

symptom(Patient,disorientation),

symptom(Patient,mood\_swing).

hypothesis(Patient,hypertension) :-

symptom(Patient, headache),

symptom(Patient, fatigue),

symptom(Patient, chest\_pain),

symptom(Patient, irregular\_heartbeat),

symptom(Patient, blurry\_vision).

hypothesis(Patient,migraine) :-

symptom(Patient, headache),

symptom(Patient, sensitivity\_to\_light),

symptom(Patient, sensitivity\_to\_sound),

symptom(Patient, nausea),

symptom(Patient, vomiting).

hypothesis(Patient,parkinson) :-

symptom(Patient, tremor),

symptom(Patient, bradykinesia),

symptom(Patient, muscle\_stiffness),

symptom(Patient, balance\_problem),

symptom(Patient, difficulty\_with\_coordination).