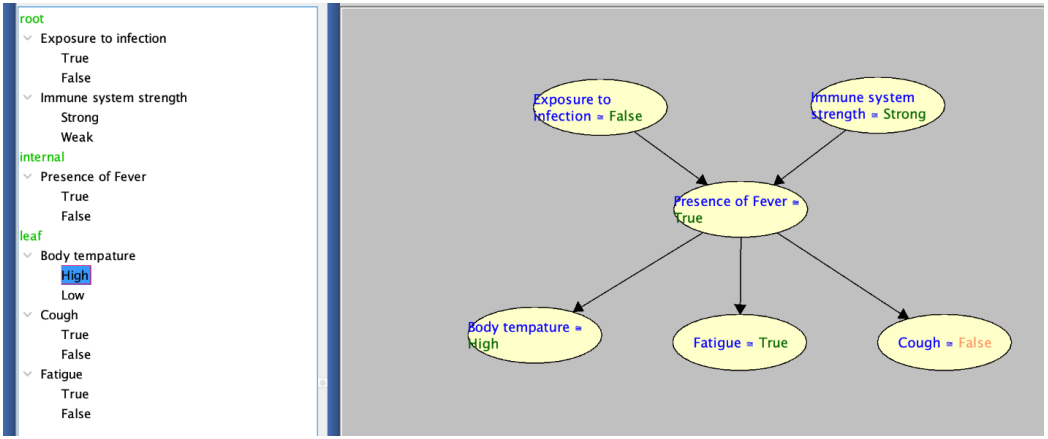
(a) One slide presenting a diagram of the network and the CPT tables.



Body tempature:

Presence o...	True	False
High	0.9	0.2
Low	0.1	0.8

Fatigue:

Presence o...	True	False
True	0.7	0.4
False	0.3	0.6

Exposure to infection::

True	0.3
False	0.7

Immune system strength:

Strong	0.6
Weak	0.4

Cough:

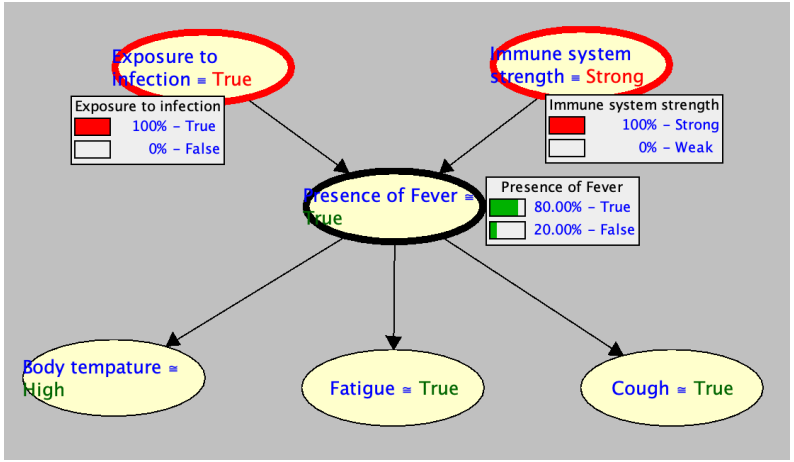
Presence o...	True	False
True	0.6	0.3
False	0.4	0.7

Presence of fever:

Exposure t...	True		False	
Immune sy...	Strong	Weak	Strong	Weak
True	0.8	0.95	0.3	0.6
False	0.2	0.05	0.7	0.4

(b) One slide describing the two test cases, and presenting the posterior probabilities you computed.

P(F=True|E=True, I=Strong) = 0.8 meaning the probability of fever when exposed to infection and having a strong immune system is 80%



P(G|F): P(G=True|F=True) = 0.7 meaning the probability of fatigue when having a fever is 70%.