Bayesian Networks and Decision Networks

Assignment 2

<u>PROGRAMMING IMPLEMENTATION</u>

- **I am providing both the hand solutions and programming solution for the assignment .So, that you can refer the calculation if you like to check whether the procedure if right or wrong.**

- **The program has been implemented in Python 2.7.x.**

- **There are basically two files one is Solution.py and other is Va.py.**

- **The Va.py: Source code for question 1, including functions of utility**

- **The Solution.py : Setup factors, queries to compute the results of question 2 and 3.**

- **For getting the answers please follow these steps:**

  Look at the end of solution.py file, you will see I have some functions to run.
  You can uncomment which functions you need.

  Then just run the solution.py file

  if _name_ == '_main_':
  q2b_i()
  # q2b_ii()
  # q2c()