ASSIGNMENT CSE 103 DISCRETE MATHEMATICS
CHAPTER 1 SECTION 1
DONE BY 1705002
TO BE VERIFIED BY 1705083

Question: (1::2::22)

Write each of these statements in the form "if p, then q" in English. [Hint: Refer to the list of common ways to express conditional statements provided in this section.]
a) It is necessary to wash the boss's car to get promoted.
b) Winds from the south imply a spring thaw.
c) A sufficient condition for the warranty to be good is that you bought the computer less than a year ago.
d) Willy gets caught whenever he cheats.
e) You can access the website only if you pay a subscription fee.
f) Getting elected follows from knowing the right people.
g) Carol gets seasick whenever she is on a boat.

 Answer:

   A. If you want to get promoted, then wash the boss's car.
      Explanation: "Q is necessary for P" means "If P, then Q"
   B. If it winds from the south, then you will find a spring thaw.
   C. If your warranty is good, then you bought the computer less than a year ago.
   D. If Willy cheats, the he gets caught.
   E. If you want to access the website, then you pay a subscription fee.
   F. If know the right people, then you will get elected.
   G. If Carol is on boat, then she will get seasick.