READING ASSIGNMENT: Read Chapter 1, Sections 2.1, 2.2 of the course notes.

PROBLEMS FROM COURSE NOTES: Do problems 2.1.2, 2.1.5, 2.1.10, 2.2.2(d), 2.2.3 (a), 2.2.6, 2.2.7(a), 2.2.12

ADDITIONAL PROBLEMS:
Consider the following proposition: “If Bill takes Sam to the concert, then Sam will take Bill to dinner”.
Which of the following implies that this statement is true?

(a) Sam takes Bill to dinner only if Bill takes Sam to the concert.
(b) Either Bill doesn’t take Sam to the concert or Sam takes Bill to dinner.
(c) Bill takes Sam to the concert.
(d) Bill takes Sam to the concert and Sam takes Bill to dinner.
(e) Bill takes Sam to the concert and Sam doesn’t take Bill to dinner.
(f) The concert is cancelled.
(g) Sam doesn’t attend the concert.