Problem Set 5
(due December 1st)

[20 points] Problem 4.12, textbook page 357.
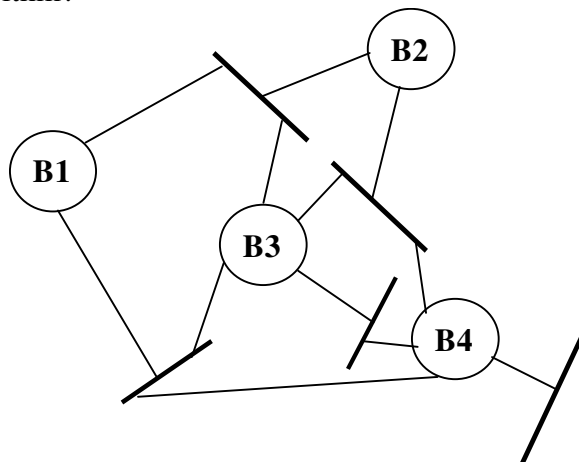
[10 points] Problem 4.13, textbook page 357.

[10 points] Problem 4.15, textbook page 357.

[20 points] Problem 4.18, textbook page 358.
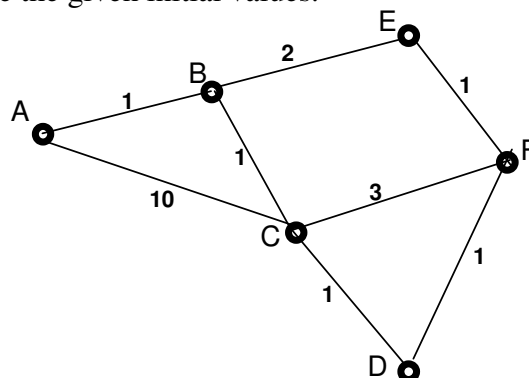
[20 points] Problem 4.5, textbook page 354.

[10 points] Problem 6:
Given the extended LAN shown in the following figure, indicate which ports are selected
by the spanning algorithm?

[10 points] Problem 6:
Apply the Bellman-Ford's algorithm to compute the shortest path from any node u to node F in
the following graph. Assume the given initial values.

A	∞								
B	1								
C	∞								
D	∞								
E	∞								
F	0								