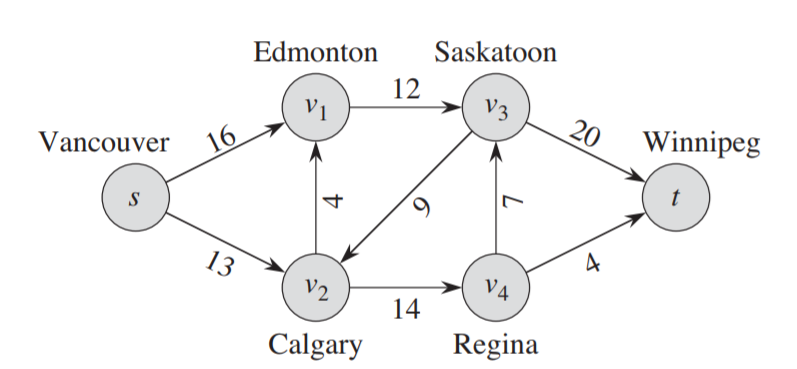
1.



Show the execution of the Edmonds-Karp algorithm on the flow network of above Figure.(with calculation process)

2. State the maximum-flow problem as a linear-programming problem.

3. Convert the following linear program into standard form:

subject to

4. Solve the following linear program using SIMPLEX: (with calculation process)

subject to