LAB-ASSIGNMENT - 4/4/2017

Consider the following transportation problem:

Stores → Warehouses ↓	I	II	III	IV	Availability
A	7	3	5	5	34
B	5	5	7	6	15
C	8	6	6	5	12
D	6	1	6	4	19
Demand →	21	25	17	17	80

(A)   First solve manually :

For initial base feasible solution use
  (i) North West Corner rule.
or (ii) Row-Min Rule.
or (iii) Col^m- Min Rule.
or (iv) Vogel's Method

After getting initial solution proceed to find optimal solution.

(B)   After solving manually, write a C-Program to solve a general transportation problem and match your answer.

output : Initial solution, method.
         optimal solution

(Write program for all methods, discussed in your theory class)