**1. Entries of table T(i, j)**

T(i, j) is the minimum total cost to get from source city ***u*** to city ***j*** with ***i*** days of travel.

**2. Recurrence**

T(i, j) = min{ c[x][j] + T (i-1, x) } where ***x*** is any city other than ***j***

***base case:***

T(1, u) = positive infinity;  T(1, v) = positive infinity; T(1, j) = c[u][j],  where j is from 1 ~ N and j is not u or origin v.

3. Pseudocode

T(1, u) = positive infinity;  T(1, v) = positive infinity;  T(1, j) = c[u][j] where j is from 1 ~ N and j is not destination v.

for i = 2 to N-1 do

for j = 1 to N do

if j = v then continue

temp\_minimum = positive infinity

for k = 1 to N do

if k != j and k!= v and c[k][j] + T(i-1, k) < temp\_minimum

then temp\_minimum = c[k][j] + T(i-1, k)

T(i, j) = temp\_minimum

minCost = positive infinity

for i = minDays -1 to N -1 do

for j = 1 to N do

if T(i, j) + c[j][u] < minCost

then minCost = T(i, j) + c[j][u]

Return minCost