



Sub Rank Calculation:

We declare 2 loops. The outer loop traverses through each row and inner through each column. We calculate Sub_Rank value for each Node. So when we are in the First row, it implies we are calculating Sub_Rank for 1st Node. Likewise when i=2 we are calculating Sub_Rank for 2nd Node.

Sub_Rank[i]= Initial_Rank[j]/Out[j] +Sub_Rank[i]

i=Row number(Here it means Node 1)

j=Column Number(Here it means incoming nodes for Node 1)

Rank Calculation:

From the calculated values for each Node we calculate the Final Rank for each Node using a Separate loop. So for every Node we do the below Calculation.

rank[i]=initial_rank[i]/no_of_nodes+(1initial_rank[i])*(sub_rank[i])

