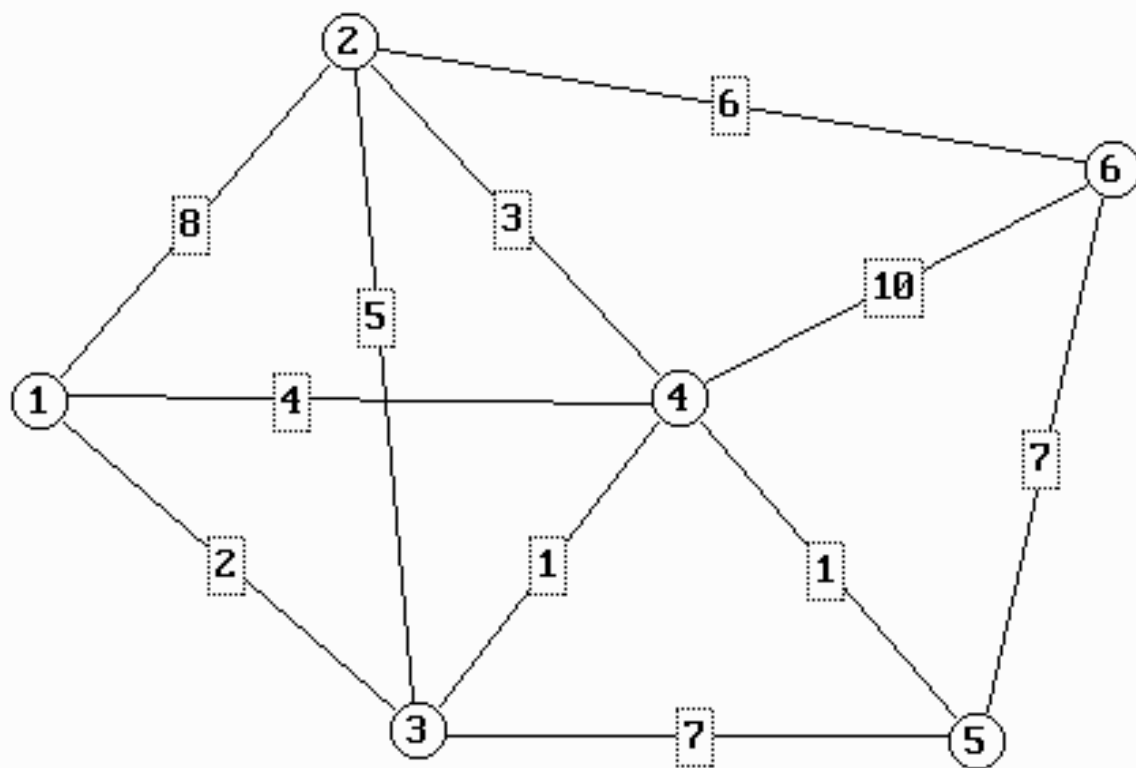
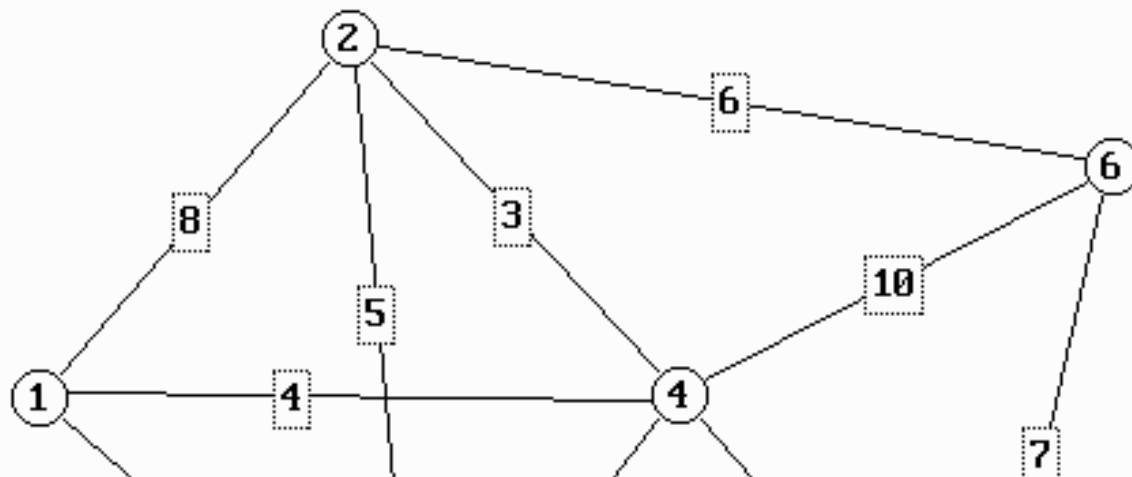


# Программа NDS1.EXE

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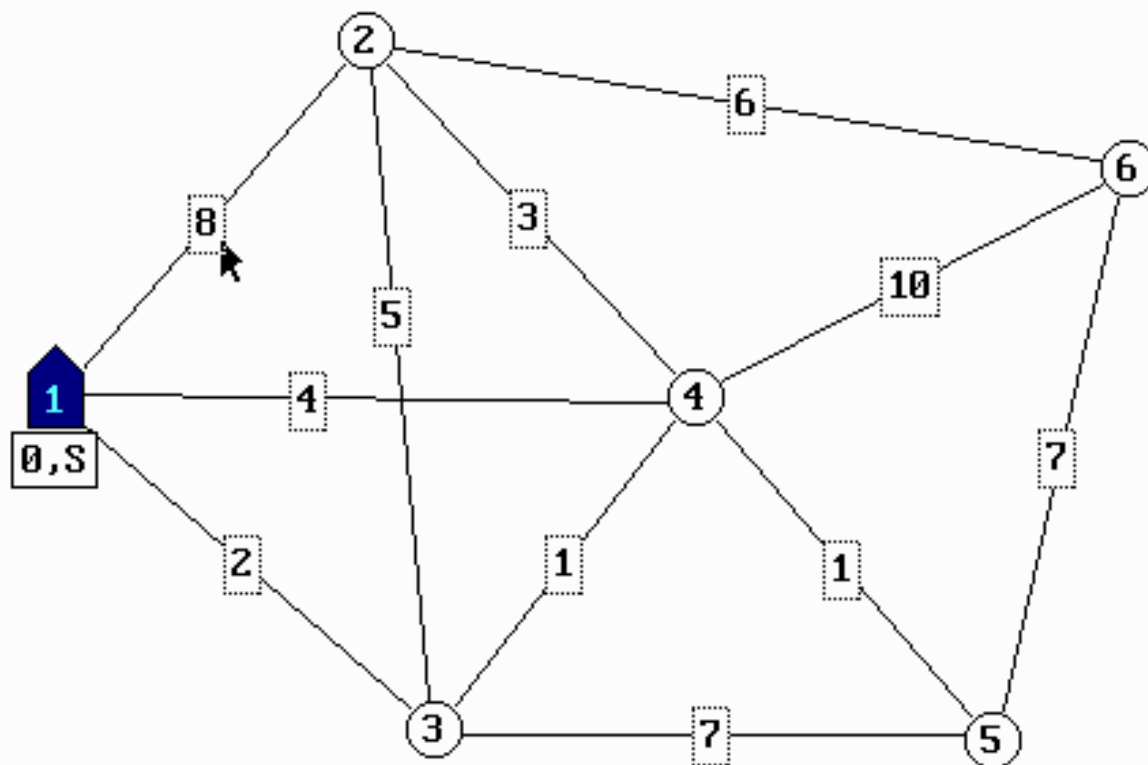
Исследование операций  
с применением компьютера  
Версия 2.00a (2007)





Arc	Arc length
1 - 2	8
1 - 3	2
1 - 4	4
2 - 3	5
2 - 4	3
2 - 6	6
3 - 4	1
3 - 5	7
4 - 5	1
4 - 6	10
5 - 6	7

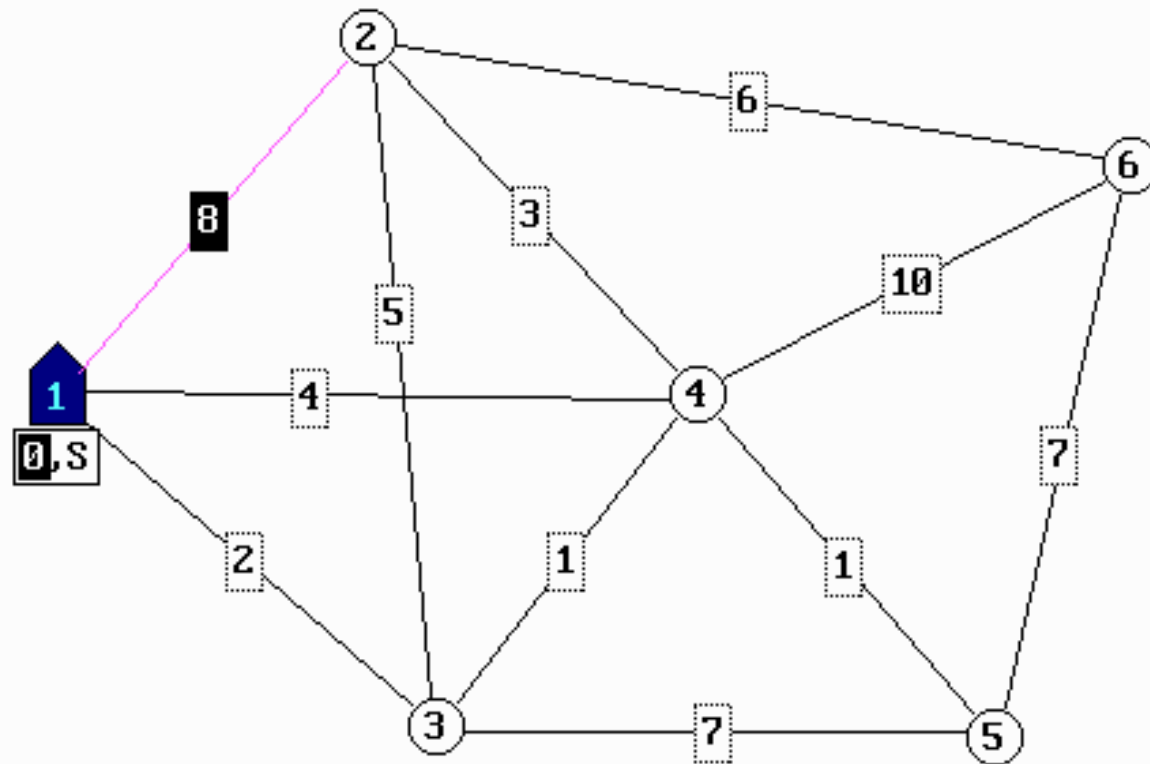
Iteration 1



Select the arc  -

SHORTEST ROUTES IN THE NETWORK  
Solving the problem

Iteration 1



Enter the distance from starting  
node to Node 2

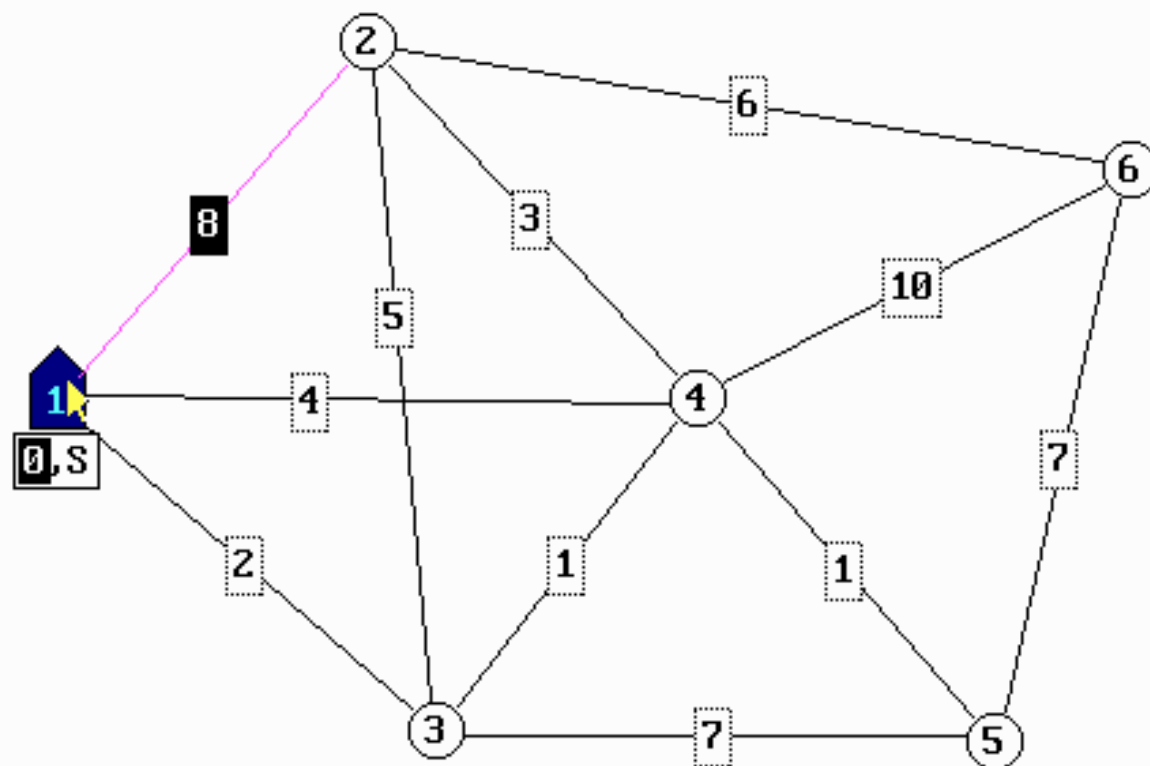
8



SHORTEST ROUTES IN THE NETWORK  
Solving the problem

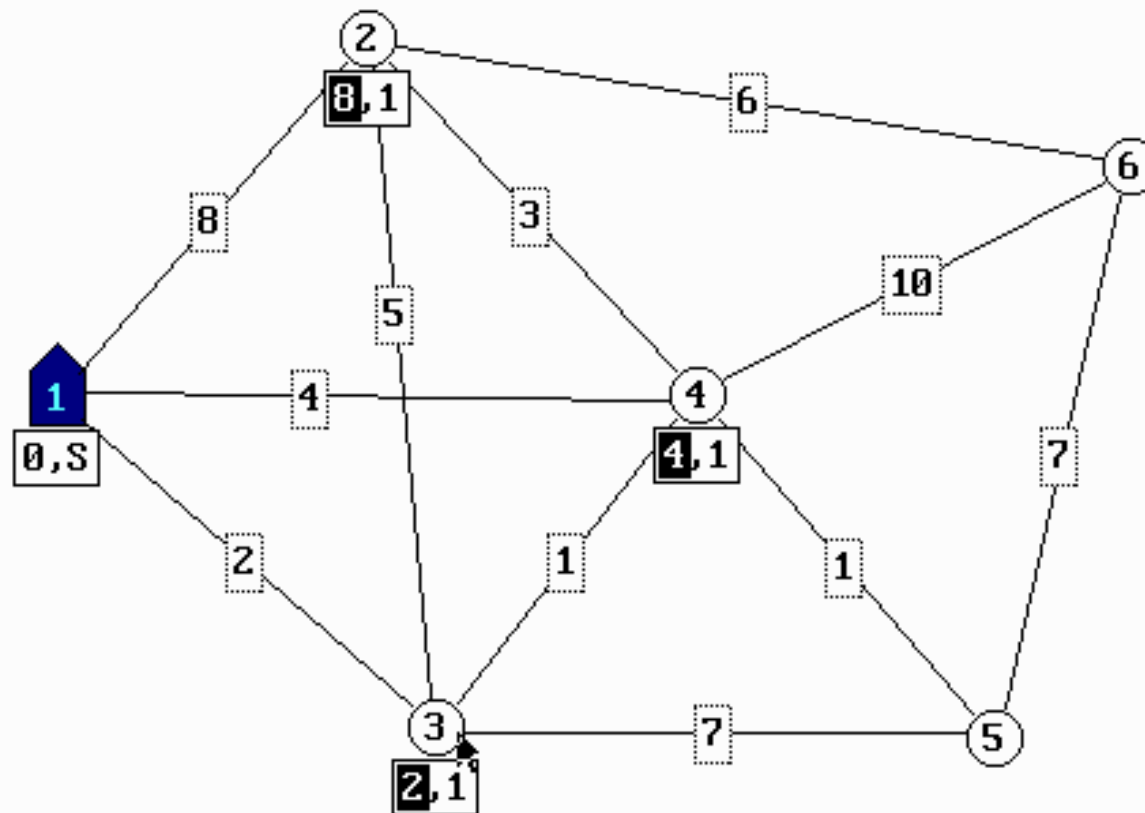
NDS1 /6

Iteration 1



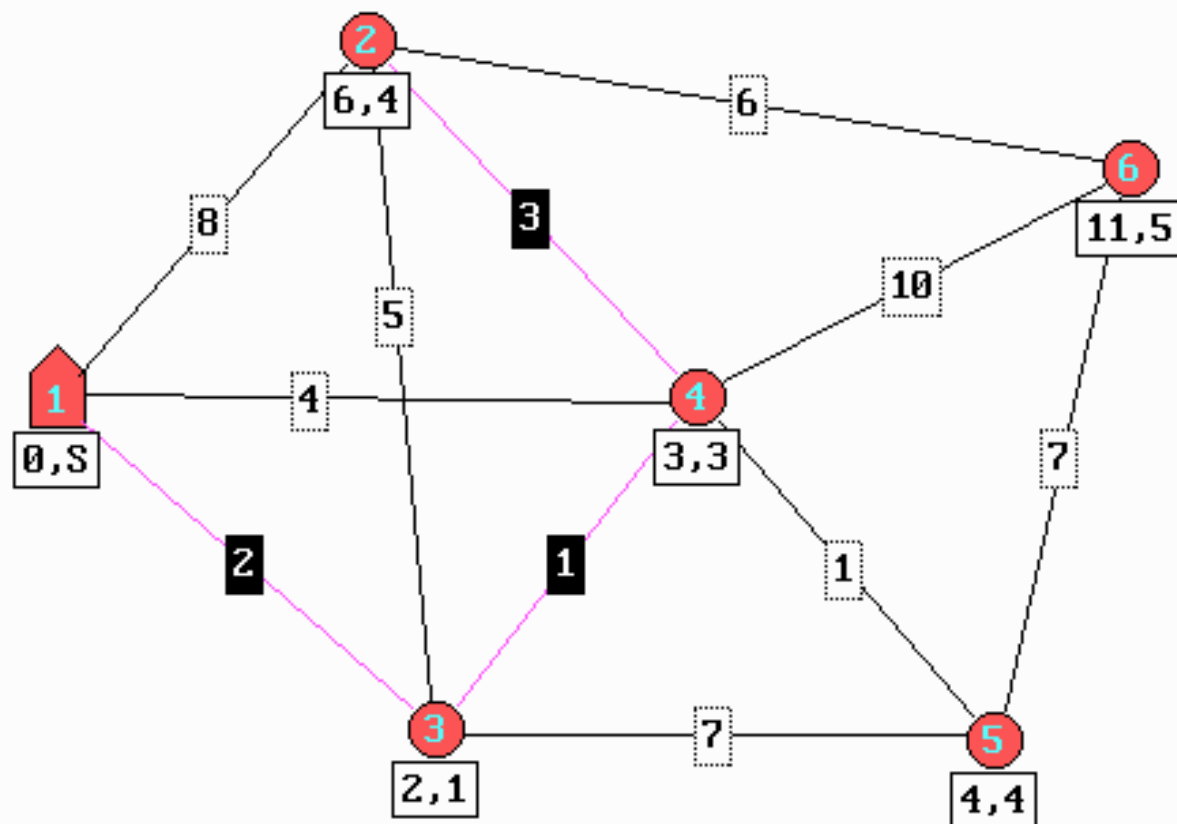
Select the preceding node

Iteration 2



Select the node to be permanently labeled

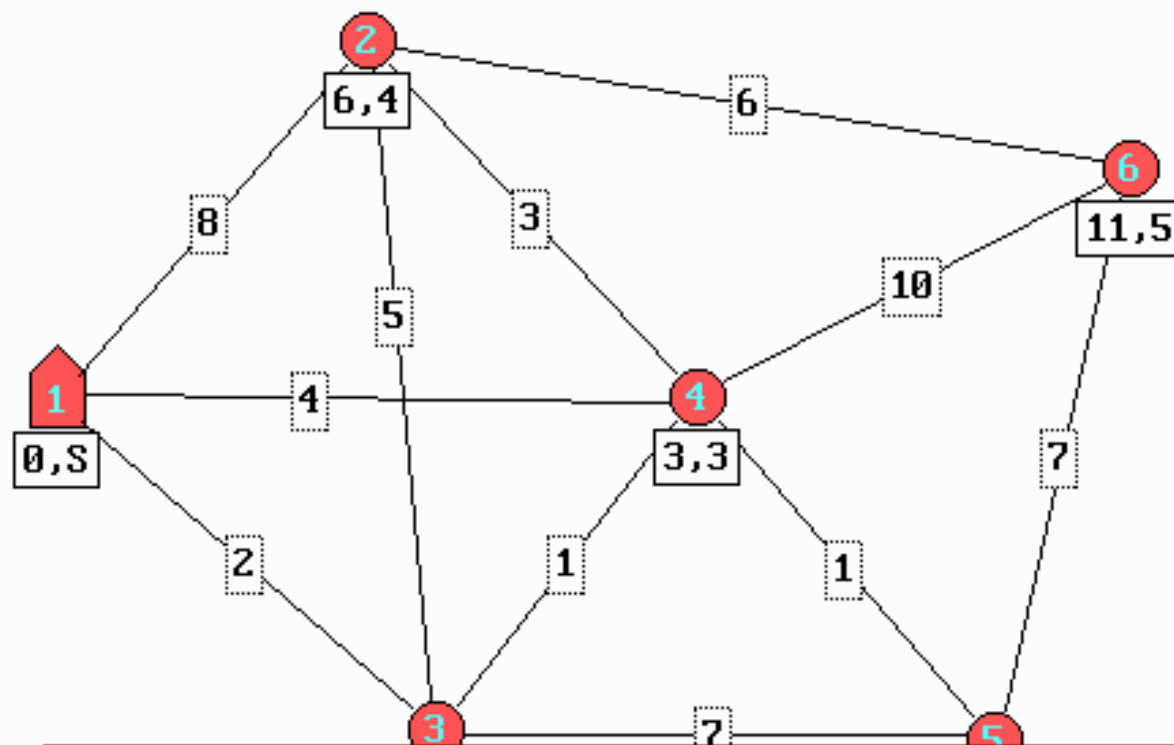
Shortest routes



Enter the shortest route to Node 2:



Optimal solution



Node	Shortest route	Distance
2	1-3-4-2	6
3	1-3	2
4	1-3-4	3
5	1-3-4-5	4
6	1-3-4-5-6	11