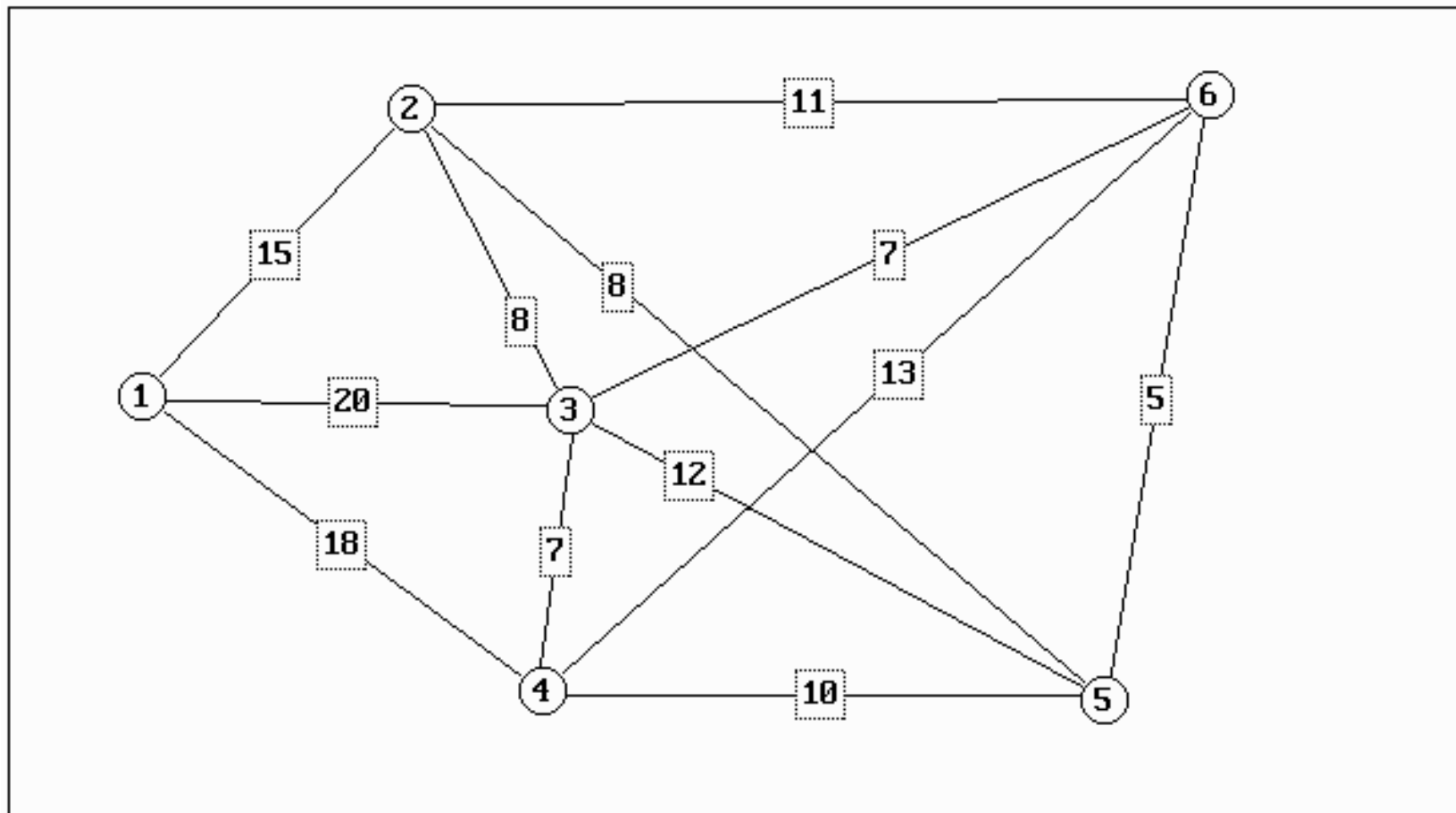


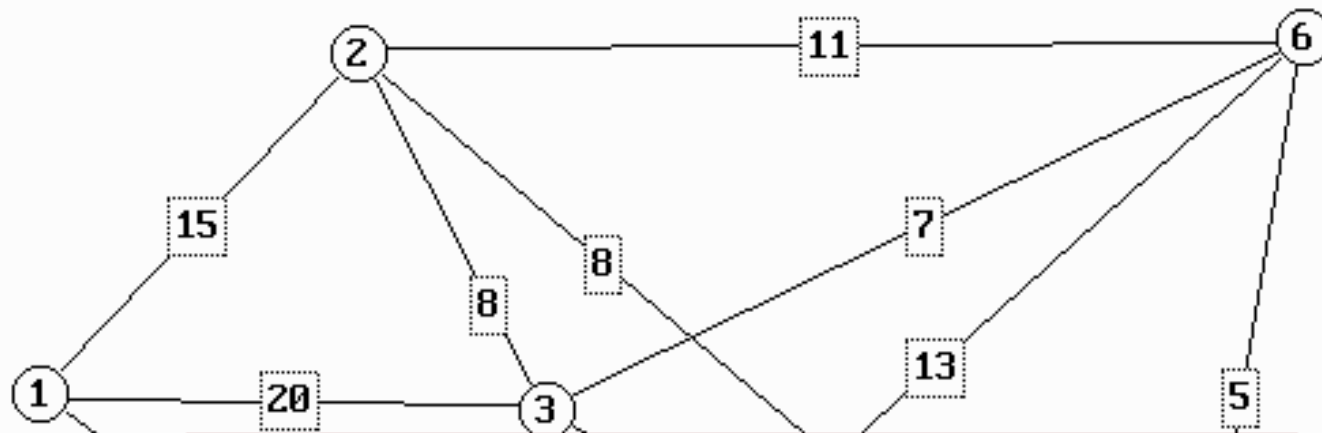
Программа MDR1.EXE

Исследование операций
с применением компьютера
Версия 2.00а (2007)

MINIMAL SPANNING TREE
Reading problem from a file

MDR1 / 2



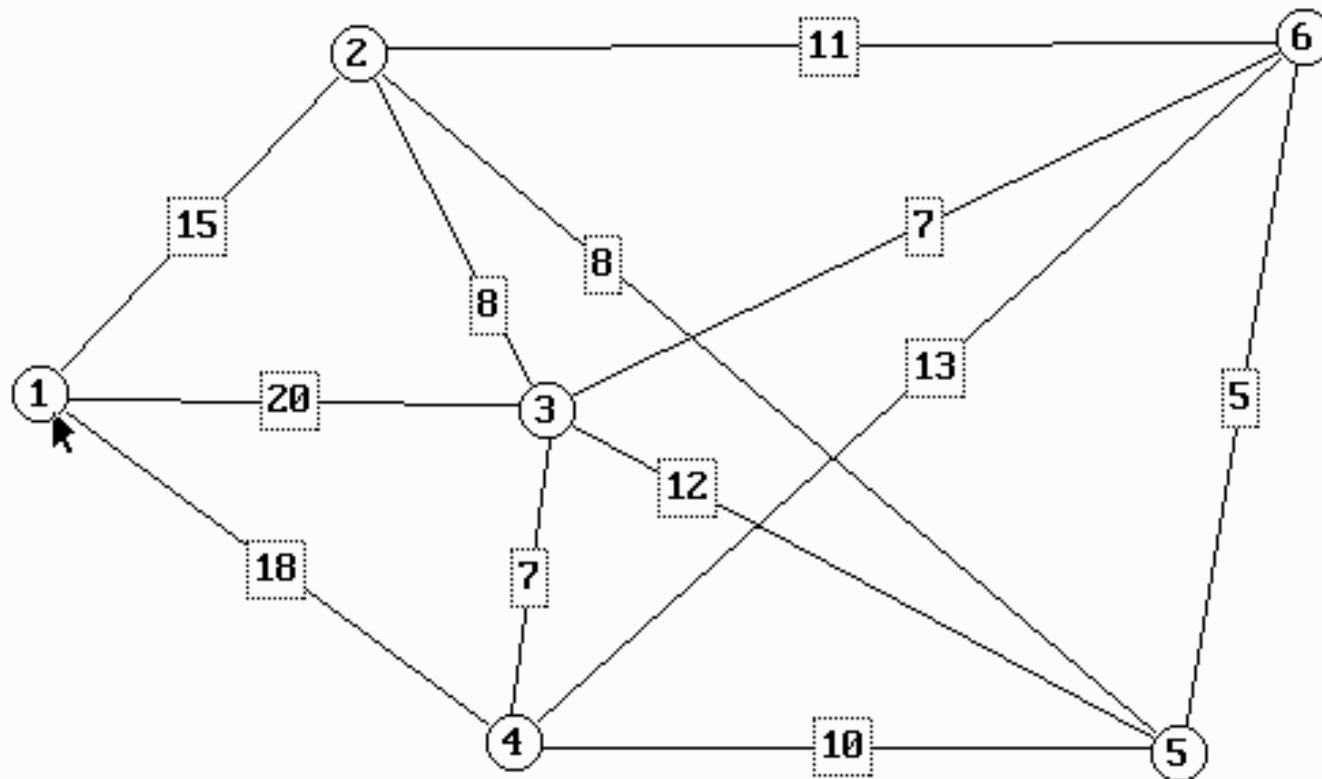


| Arc | Arc length |
|-------|------------|
| 1 - 2 | 15 |
| 1 - 3 | 20 |
| 1 - 4 | 18 |
| 2 - 3 | 8 |
| 2 - 5 | 8 |
| 2 - 6 | 11 |
| 3 - 4 | 7 |
| 3 - 5 | 12 |
| 3 - 6 | 7 |
| 4 - 5 | 10 |
| 4 - 6 | 13 |
| 5 - 6 | 5 |

MINIMAL SPANNING TREE
Solving the problem

MDR1 / 4

Starting node _____

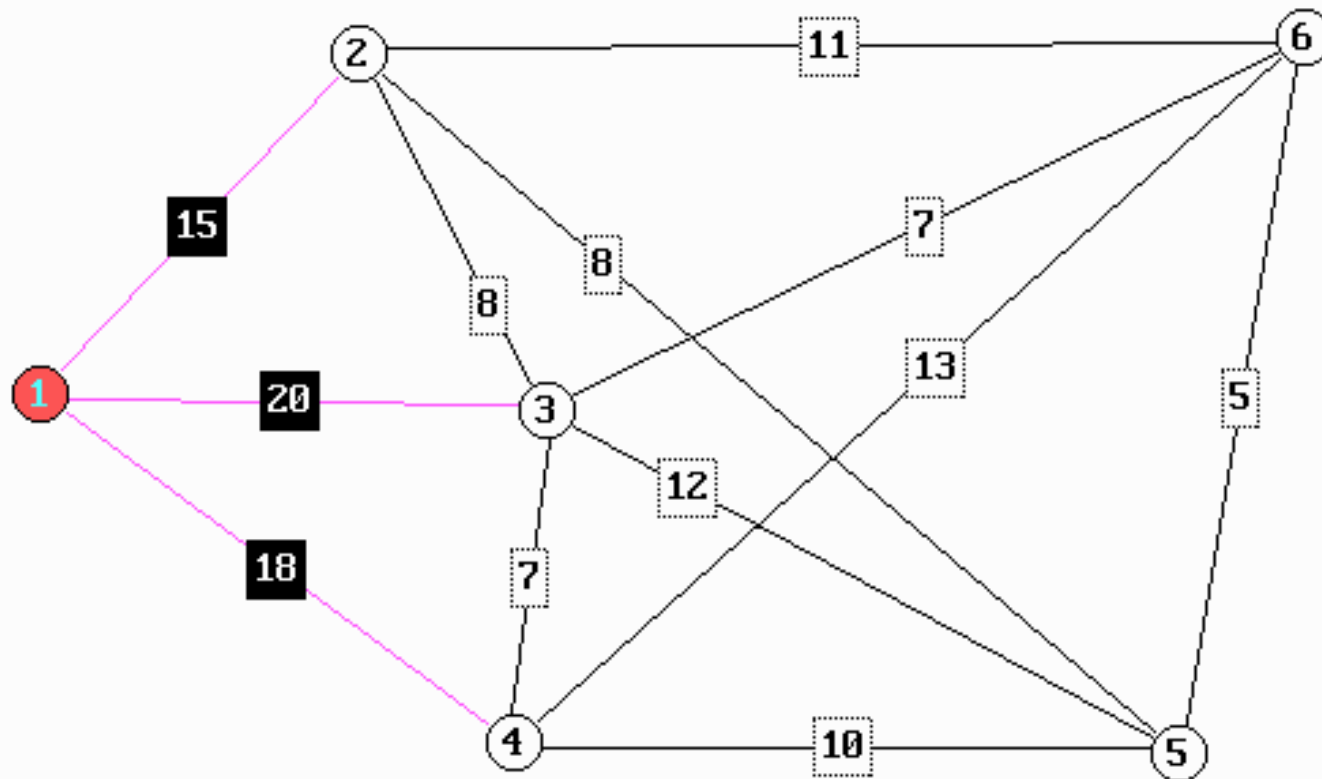


Select a starting node

MINIMAL SPANNING TREE
Solving the problem

MDR1 / 5

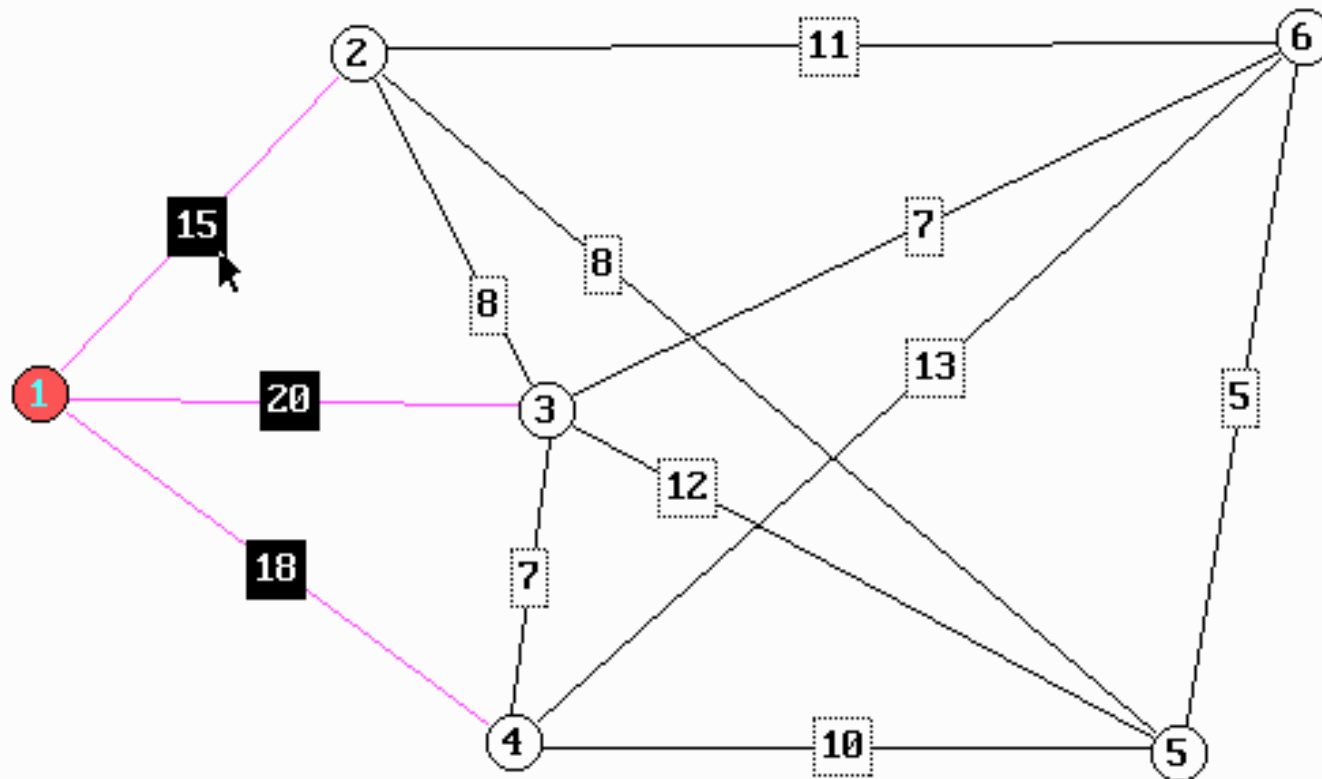
Iteration 1



Select the arcs -

MINIMAL SPANNING TREE
Solving the problem

Iteration 1

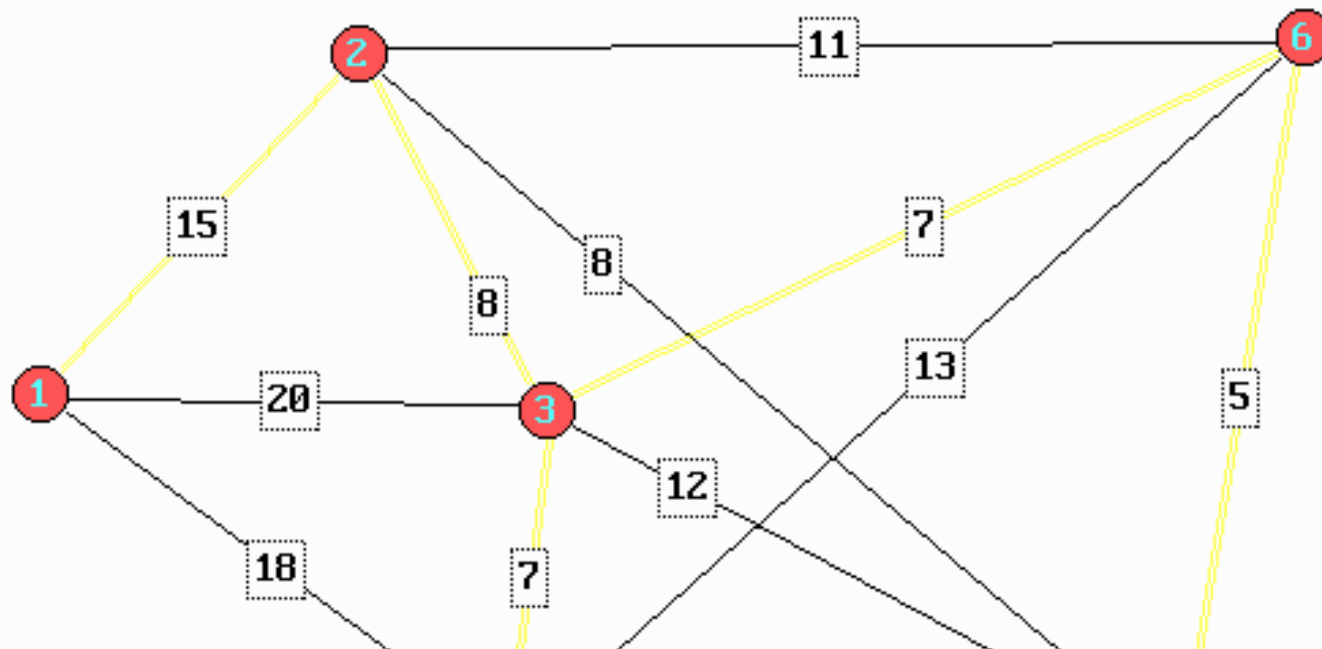


Select the arc to be added to the tree -

MINIMAL SPANNING TREE

Solving the problem

Optimal solution



| Arc | Arc length |
|---------------------------|------------|
| 1 - 2 | 15 |
| 2 - 3 | 8 |
| 3 - 4 | 7 |
| 3 - 6 | 7 |
| 5 - 6 | 5 |
| Minimal spanning tree: 42 | |