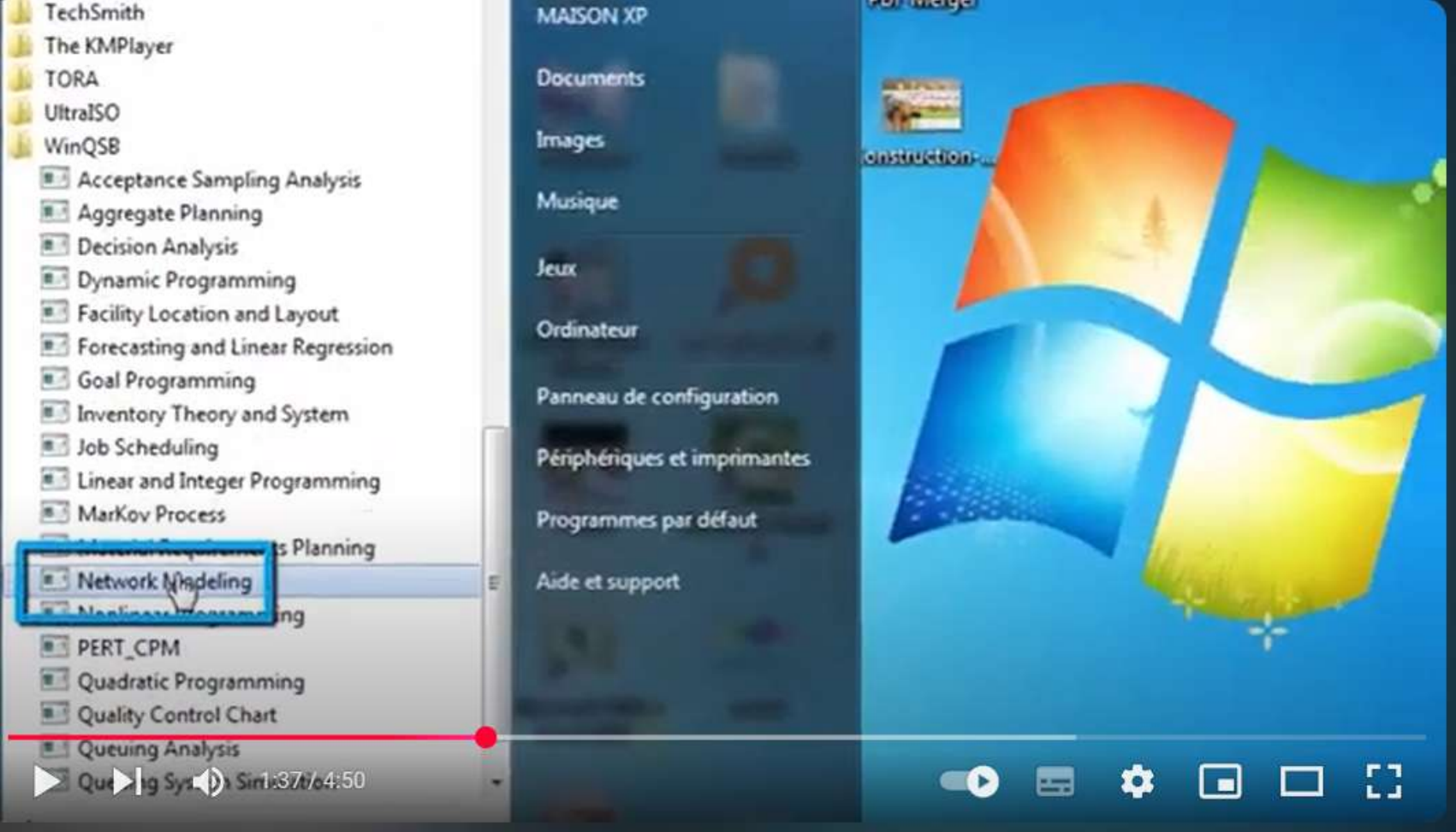
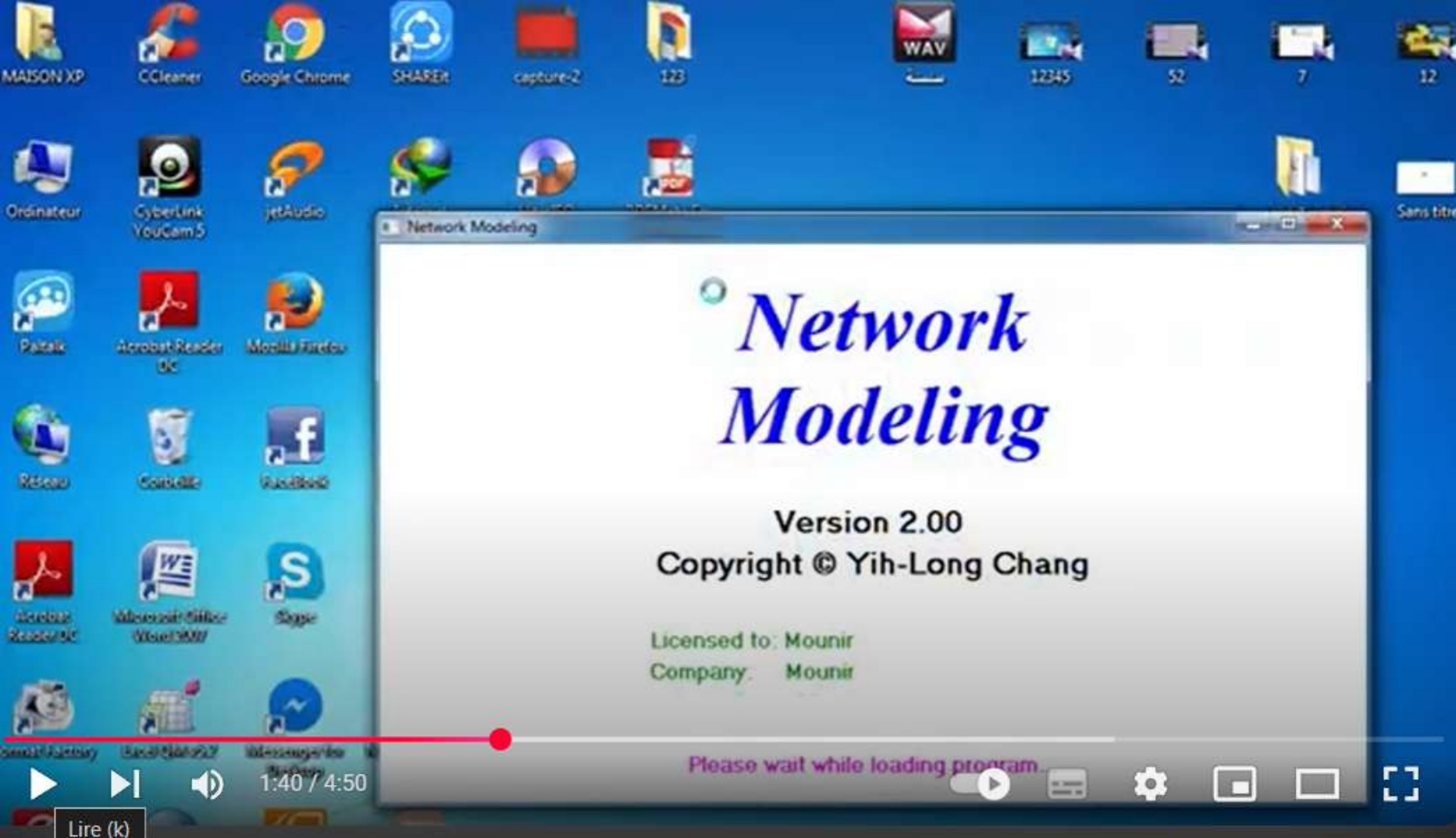
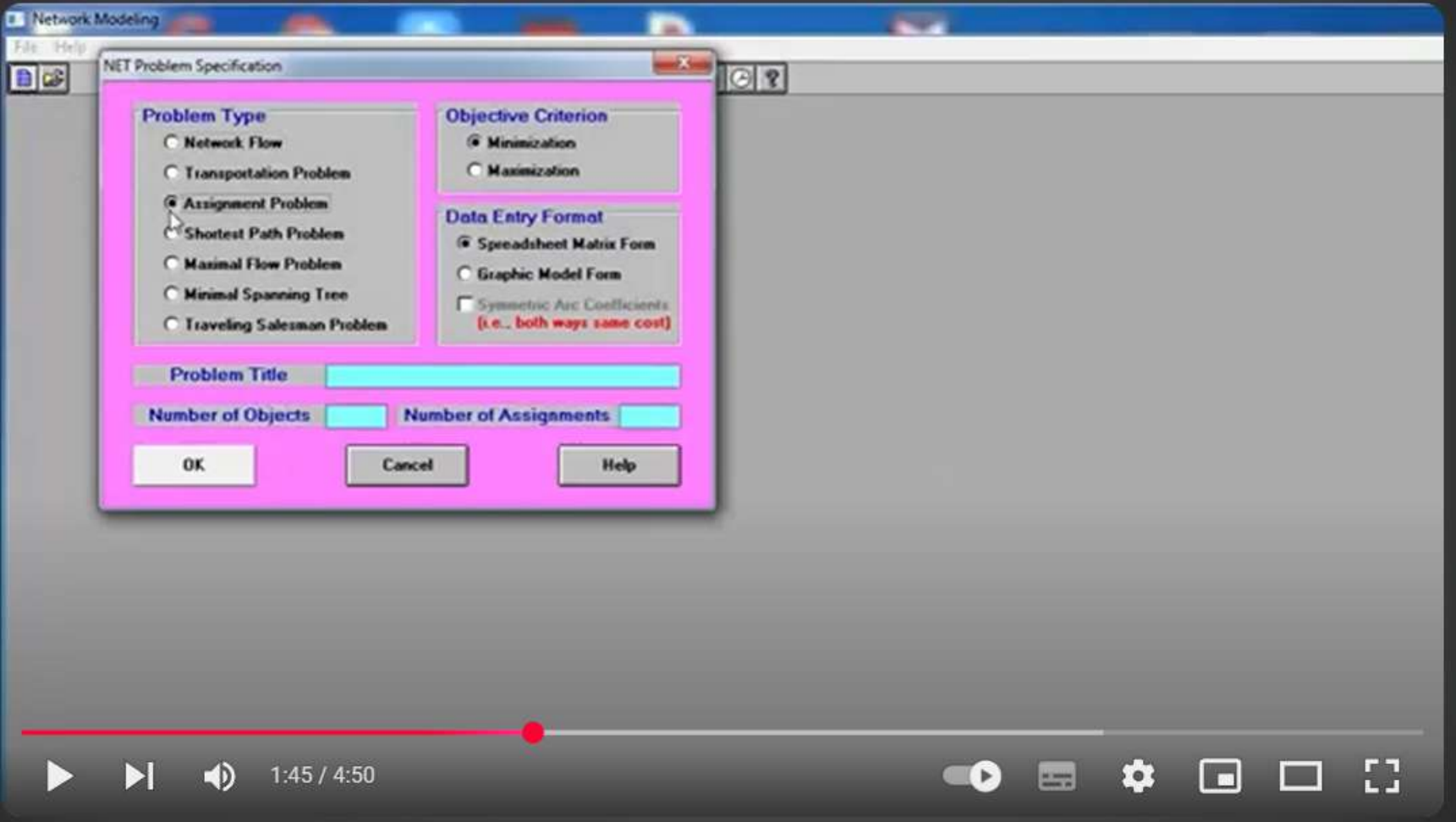
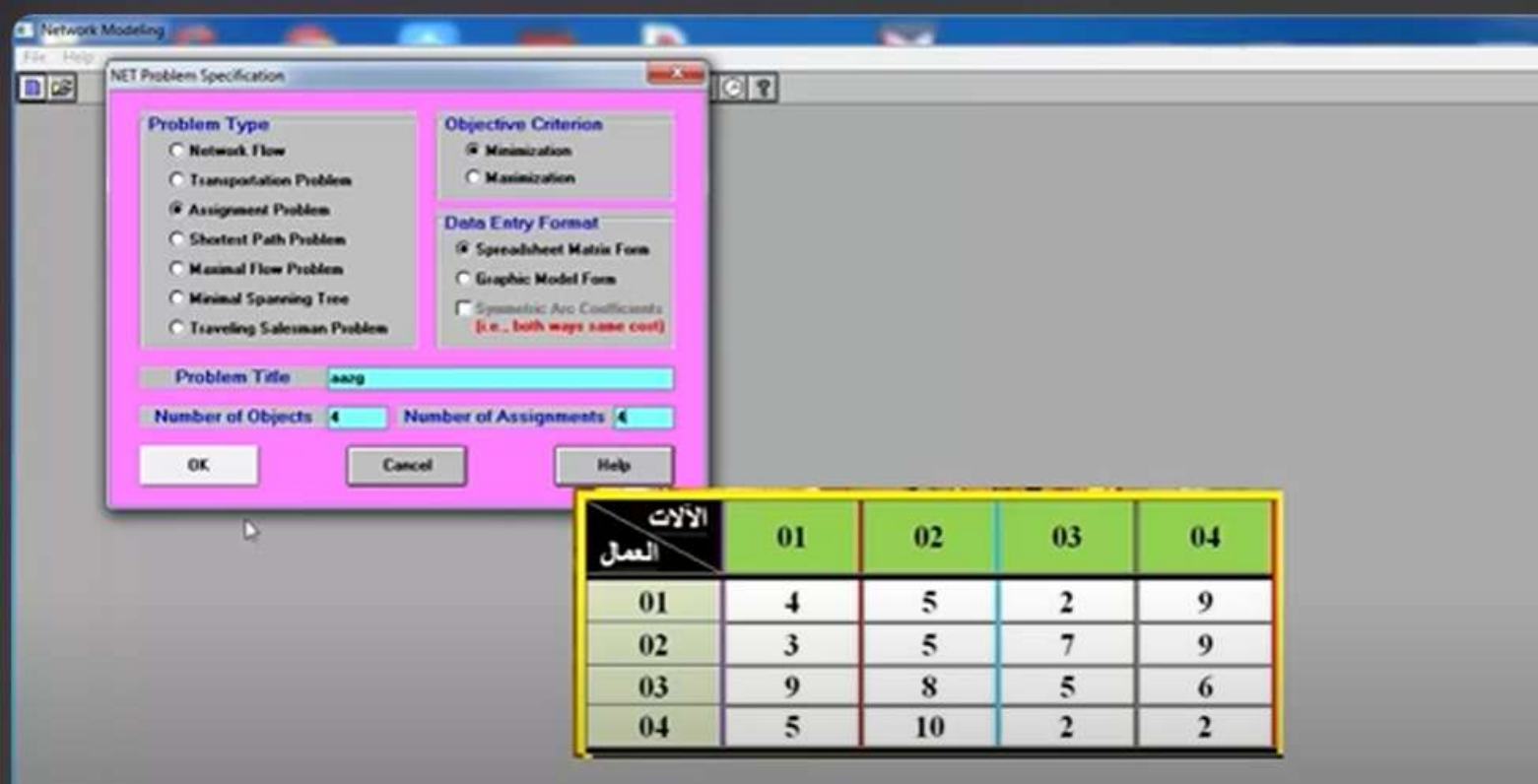
الآلات / العمال	01	02	03	04
01	4	5	2	9
02	3	5	7	9
03	9	8	5	6
04	5	[illegible]	2	2


TechSmith
The KMPlayer
TORA
UltraISO
WinQSB
Acceptance Sampling Analysis
Aggregate Planning
Decision Analysis
Dynamic Programming
Facility Location and Layout
Forecasting and Linear Regression
Goal Programming
Inventory Theory and System
Job Scheduling
Linear and Integer Programming
MarKov Process
Network Modeling
PERT_CPM
Quadratic Programming
Quality Control Chart
Queuing Analysis
MAISON XP
Documents
Images
Musique
Jeux
Ordinateur
Panneau de configuration
Périphériques et imprimantes
Programmes par défaut
Aide et support
1:37 / 4:50


Network Modeling
Network Modeling
Version 2.00
Copyright © Yih-Long Chang
Licensed to: Mounir
Company: Mounir
Please wait while loading program...
1:40 / 4:50
Lire (k)


Network Modeling
File Help
NET Problem Specification
Problem Type
Network Flow
Transportation Problem
Assignment Problem
Shortest Path Problem
Maximal Flow Problem
Minimal Spanning Tree
Traveling Salesman Problem
Objective Criterion
Minimization
Maximization
Data Entry Format
Spreadsheet Matrix Form
Graphic Model Form
Symmetric Arc Coefficients
(i.e., both ways same cost)
Problem Title
Number of Objects
Number of Assignments
OK
Cancel
Help
1:45 / 4:50



الآلات / العمل	01	02	03	04
01	4	5	2	9
02	3	5	7	9
03	9	8	5	6
04	5	10	2	2

Network Modeling

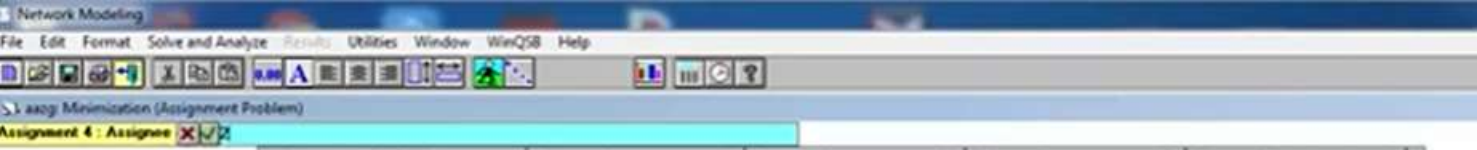
File Edit Format Solve and Analyze Results Utilities Window WinQSB Help

\ aazg Minimization (Assignment Problem)

Assignment 1 : Assignee 1

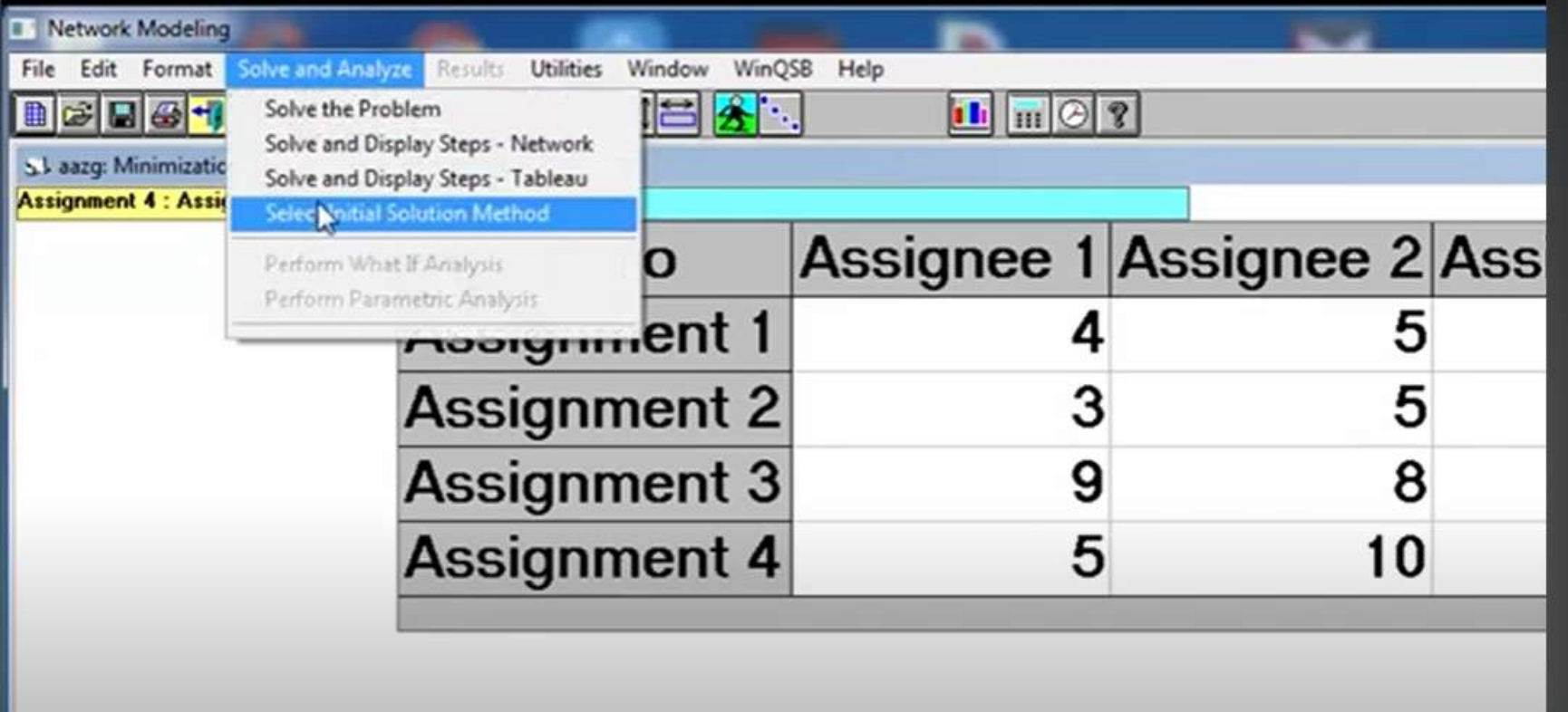
From \ To	Assignee 1	Assignee 2	Assignee 3	Assignee 4
Assignment 1				
Assignment 2				
Assignment 3				
Assignment 4				

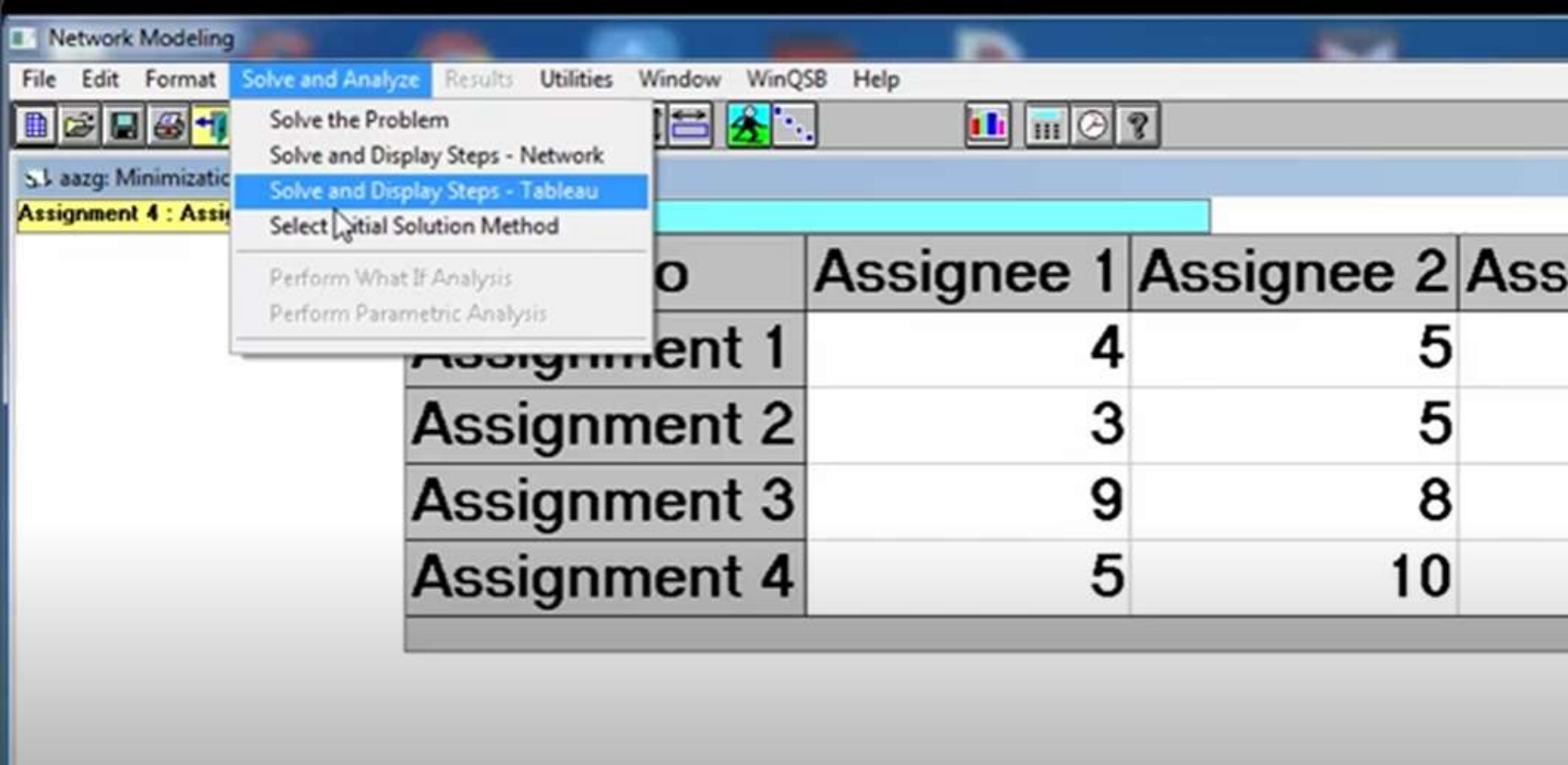
الآلات / العمل	01	02	03	04
01	4	5	2	9
02	3	5	7	9
03	9	8	5	6
04	5	10	2	2

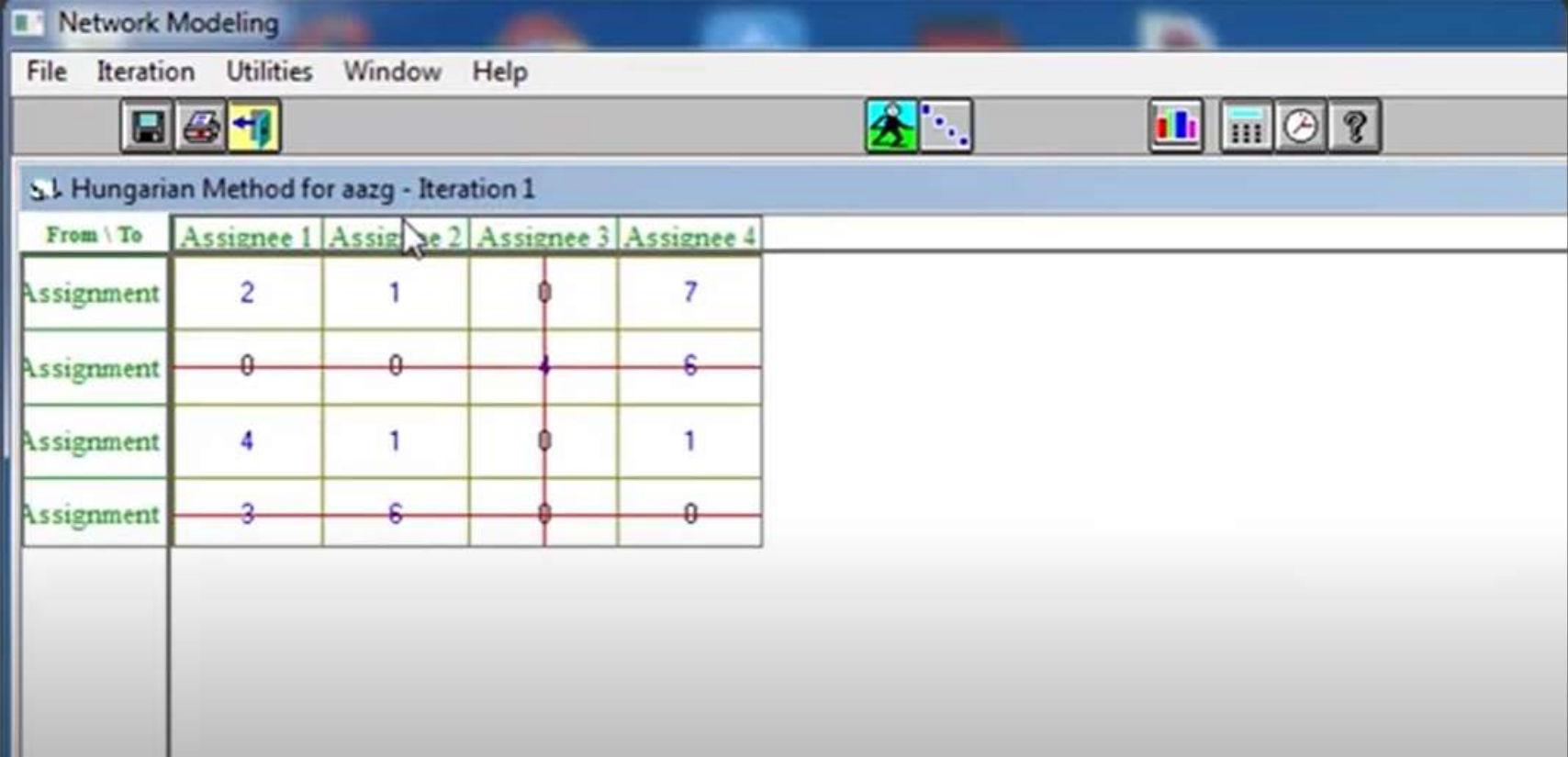


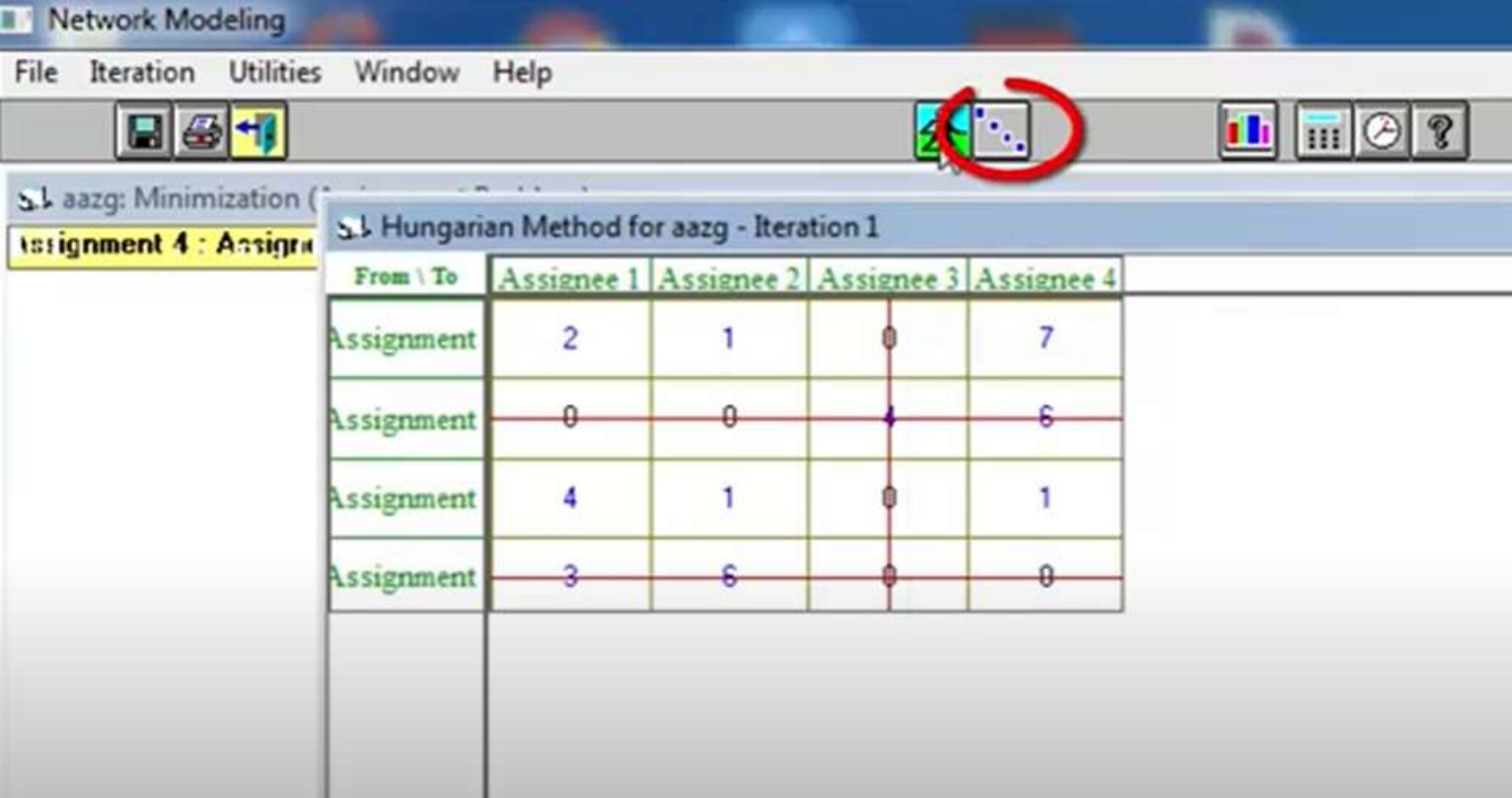
From \ To	Assignee 1	Assignee 2	Assignee 3	Assignee 4
Assignment 1	4	5	2	9
Assignment 2	3	5	7	9
Assignment 3	9	8	5	6
Assignment 4	5	10	2	2

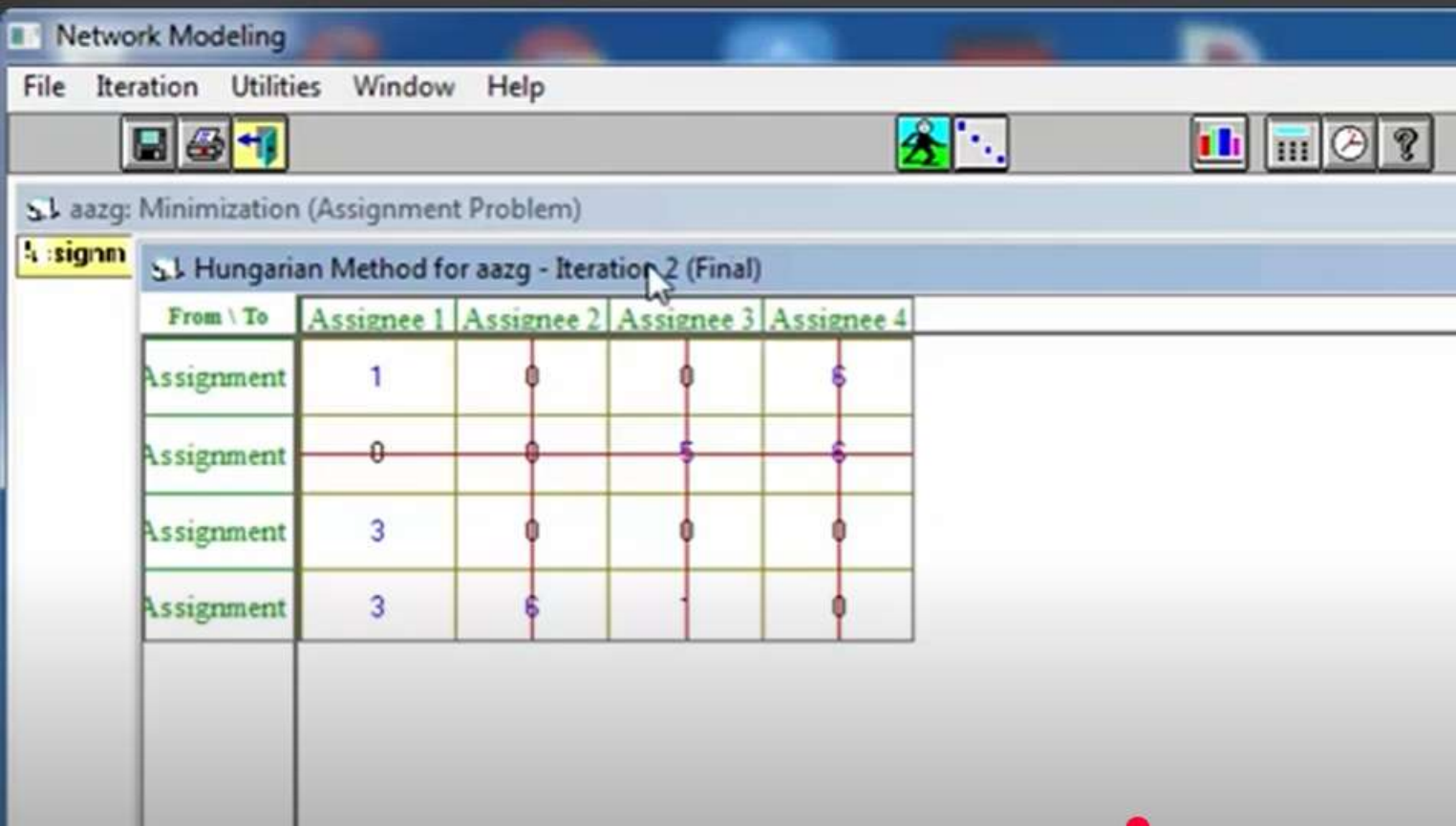
الآلات / العمل	01	02	03	04
01	4	5	2	9
02	3	5	7	9
03	9	8	5	6
04	5	10	2	2

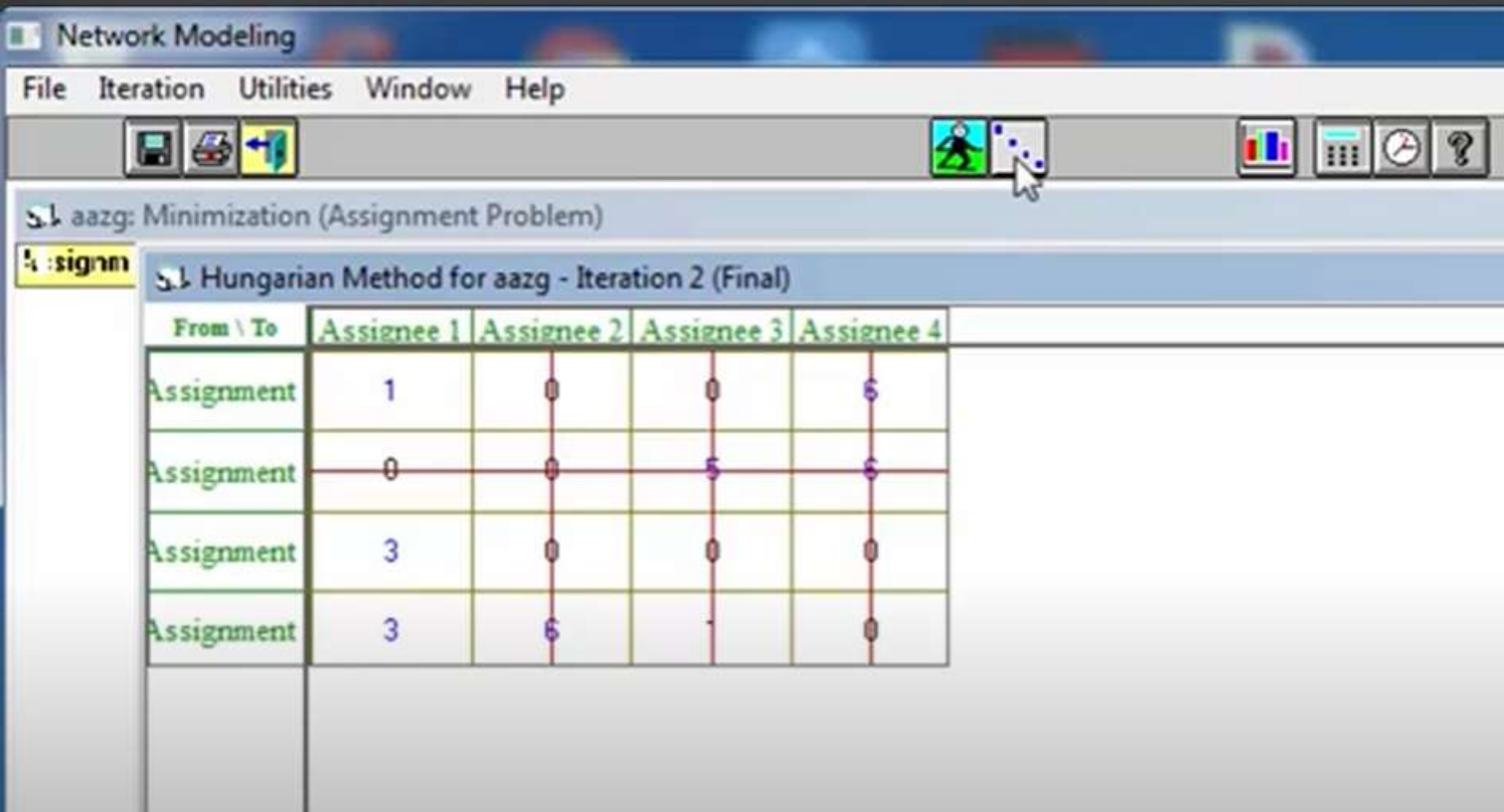

Network Modeling
File
Edit
Format
Solve and Analyze
Results
Utilities
Window
WinQSB
Help
Solve the Problem
Solve and Display Steps - Network
Solve and Display Steps - Tableau
Select Initial Solution Method
Perform What If Analysis
Perform Parametric Analysis
aazg: Minimizatic
Assignment 4 : Assi
Assignee 1
Assignee 2
Ass
ent 1
4
5
Assignment 2
3
5
Assignment 3
9
8
Assignment 4
5
10


Network Modeling
File Edit Format Solve and Analyze Results Utilities Window WinQSB Help
Solve the Problem
Solve and Display Steps - Network
Solve and Display Steps - Tableau
Select Initial Solution Method
Perform What If Analysis
Perform Parametric Analysis
Assignment 4 : Assi
Assignee 1 Assignee 2
Assignment 1 4 5
Assignment 2 3 5
Assignment 3 9 8
Assignment 4 5 10


Network Modeling
File Iteration Utilities Window Help
Hungarian Method for aazg - Iteration 1
From \ To
Assignee 1
Assignee 2
Assignee 3
Assignee 4
Assignment
2 1 0 7
Assignment
0 0 4 6
Assignment
4 1 0 1
Assignment
3 6 0 0


Network Modeling
File Iteration Utilities Window Help
aazg: Minimization
Hungarian Method for aazg - Iteration 1
From \ To
Assignee 1
Assignee 2
Assignee 3
Assignee 4
Assignment
2
1
0
7
Assignment
0
0
4
6
Assignment
4
1
0
1
Assignment
3
6
0
0


Network Modeling
File Iteration Utilities Window Help
aazg: Minimization (Assignment Problem)
Hungarian Method for aazg - Iteration 2 (Final)
From \ To
Assignee 1
Assignee 2
Assignee 3
Assignee 4
Assignment
1
0
0
6
Assignment
0
0
5
6
Assignment
3
0
0
0
Assignment
3
6
1
0


Network Modeling
File Iteration Utilities Window Help
aazg: Minimization (Assignment Problem)
Hungarian Method for aazg - Iteration 2 (Final)
From \ To
Assignee 1
Assignee 2
Assignee 3
Assignee 4
Assignment
1
0
0
6
Assignment
0
0
5
6
Assignment
3
0
0
0
Assignment
3
6
1
0

n)

03-17-2019	From	To	Assignment	Unit Cost	Total Cost	Reduced Cost
1	Assignment 1	Assignee 3	1	2	2	0
2	Assignment 2	Assignee 1	1	3	3	0
3	Assignment 3	Assignee 2	1	8	8	0
4	Assignment 4	Assignee 4	1	2	2	0
	Total	Objective	Function	Value =	15	

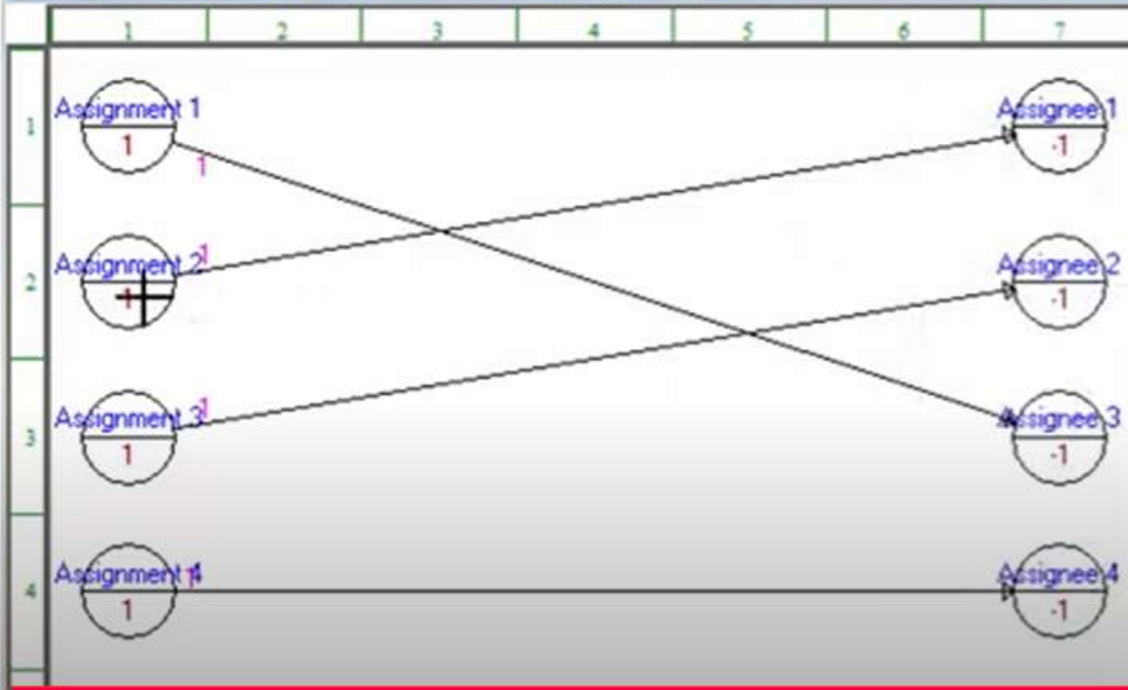
الآلات / العمال	01	02	03	04
01	4	5	2	9
02	3	5	7	9
03	9	8	5	6
04	5	10	2	2

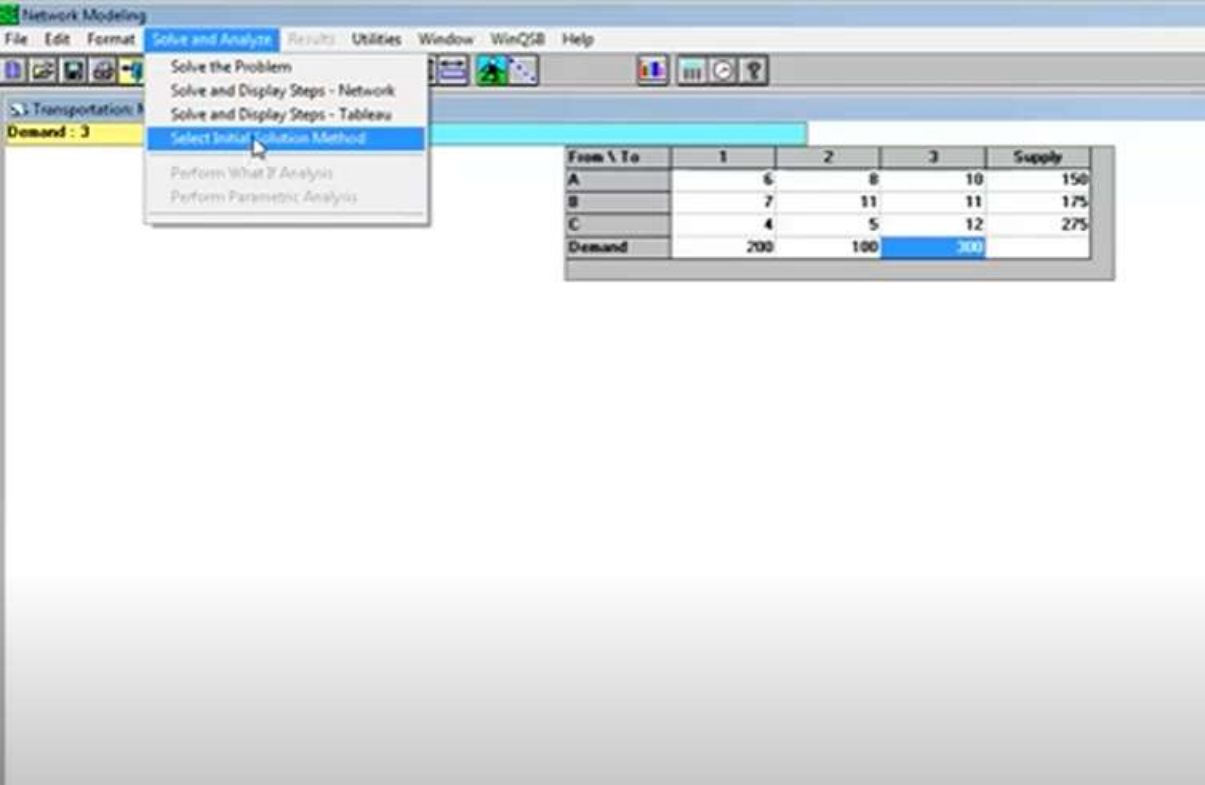
03-17-2019	From	To	Assignment	Unit Cost	Total Cost	Reduced Cost
1	Assignment 1	Assignee 3	1	2	2	0
2	Assignment 2	Assignee 1	1	3	3	0
3	Assignment 3	Assignee 2	1	8	8	0
4	Assignment 4	Assignee 4	1	2	2	0
	Total	Objective	Function	Value =	15	

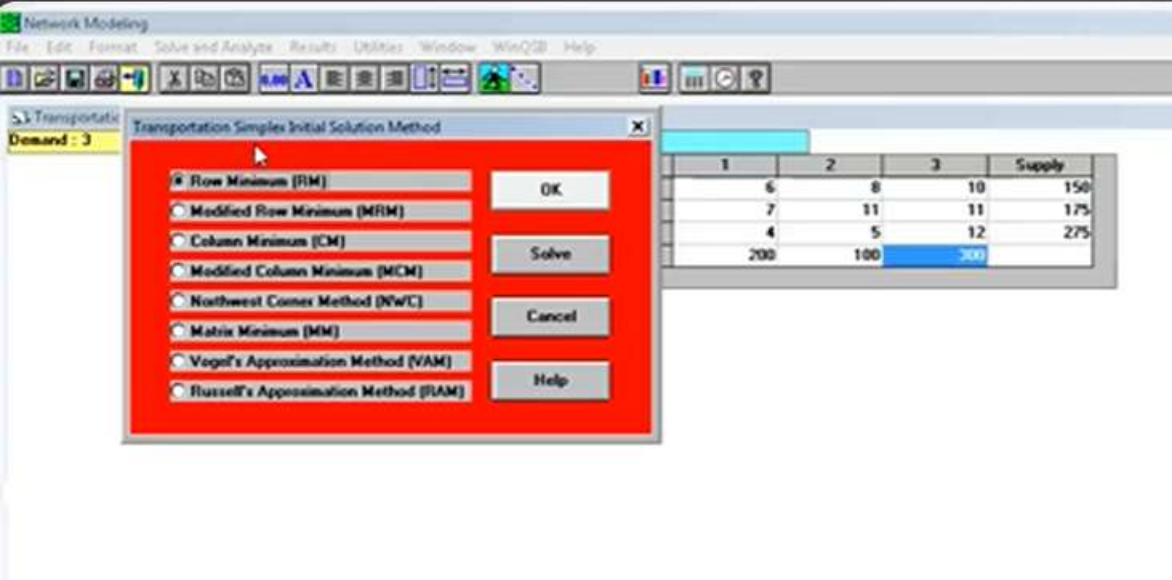
الآلات / العمال	01	02	03	04
01	4	5	2	9
02	3	5	7	9
03	9	8	5	6
04	5	10	2	2

File Results Utilities Window Help

Graphic Solution for aazg: Minimization (Assignment Problem)




Network Modeling
File Edit Format Solve and Analyze Results Utilities Window WinQSB Help
Solve the Problem
Solve and Display Steps - Network
Solve and Display Steps - Tableau
Select Initial Solution Method
Perform What If Analysis
Perform Parametric Analysis
Transportation:
Demand : 3
From \ To 1 2 3 Supply
A 6 8 10 150
B 7 11 11 175
C 4 5 12 275
Demand 200 100 300


Network Modeling
File Edit Format Solve and Analyze Results Utilities Window WinQSB Help
Transportatic
Demand : 3
Transportation Simplex Initial Solution Method
Row Minimum [RIM]
Modified Row Minimum [MRM]
Column Minimum [CM]
Modified Column Minimum [MCM]
Northwest Corner Method [NWC]
Matrix Minimum [MM]
Vogel's Approximation Method [VAM]
Russell's Approximation Method [RAM]
OK
Solve
Cancel
Help
1
2
3
Supply
6
8
10
150
7
11
11
175
4
5
12
275
200
100
300


[RM]
(MRM)
[CM]
(MCH)
[NWC]
[MM]
(VAM)
[RAM]
نعم
يحلل
يلغي
يساعد