runfile('C:/Users/elcordi/Desktop/Study/Msc at NTU/Courses/Operations Research/Term Project/Ready/Model/Model_ver4.py', wdir='C:/Users/elcordi/Desktop/Study/Msc at NTU/Courses/Operations Research/Term Project/Ready/Model')

	Distance (m) Unnamed: 15
0	Entry Point NaN
1	Dept of Civil Engineering NaN
2	Dept of Mechanical Engineering NaN
3	Liberal arts teaching hall NaN
4	1st Male Graduate Dorm NaN
5	College of Social Science NaN
6	School of Veterinary Medicine NaN
7	NTU Farm NaN
8	Department of Horticulture and Landscape Archi NaN
9	Sports Center NaN
10	Dept of Psychology NaN
11	Institute of Oceanography NaN
12	Freshman Classroom Building NaN

[13 rows x 16 columns]

	Unnamed: 0	Unnamed: 3
0	NaN	Demand of Burgers
1	NaN	0
2	1.0	15
3	2.0	20
4	3.0	22
5	4.0	60
6	5.0	10
7	6.0	8
8	7.0	1
9	8.0	2
10	9.0	4

- 11 10.0 ...
- 12 11.0 ... 5
- 13 12.0 ... 20

[14 rows x 4 columns]

Unnamed: 0 Unnamed: 1

- 0 0.000000 0.000000
- 1 4635.698873 629.530290
- 2 6714.878238 1933.405652
- 3 3038.084187 1788.237179
- 4 2884.720494 -2209.531858
- 5 7896.509619 3733.338590
- 6 8168.446680 1320.127244
- 7 7595.930758 -1769.435717
- 8 6287.013869 -3033.300086
- 9 1480.465059 5113.926776
- 10 6615.321060 3025.031935
- 11 3604.858363 4491.720036
- 12 4710.795196 2800.061979

delivery by car

objective: 20743.417000

- 0 -> 1: 1
- 0 -> 7: 1
- 1 -> 8: 1
- 2 -> 12: 1
- 3 -> 0: 1
- 4 -> 0: 1
- 5 -> 10: 1
- 6 -> 5: 1
- 7 -> 6: 1
- 8 -> 4: 1

- 9 -> 3: 1
- 10 -> 2: 1
- 11 -> 9: 1
- 12 -> 11: 1

delivery by bike

objective: 20758.815500

- 0 -> 1: 1
- 0 -> 7: 1
- 1 -> 8: 1
- 2 -> 12: 1
- 3 -> 0: 1
- 4 -> 0: 1
- 5 -> 10: 1
- 6 -> 5: 1
- 7 -> 6: 1
- 8 -> 4: 1
- 9 -> 3: 1
- 10 -> 2: 1
- 11 -> 9: 1
- 12 -> 11: 1