

```

Enter the number of nodes: 4
Enter the adjacency matrix:
0
10
15
20
5
0
9
10
6
13
0
12
8
8
9
0

The cost matrix will be:
0      10      15      20
5      0       9      10
6      13      0      12
8      8       9      0

The cost of the most efficient tour = 35
Nodes visited in the most efficient tour: 0 -> 1 -> 3 -> 2 -> 0

```

```

Enter the number of nodes: 5
Enter the adjacency matrix:
0
2
0
12
5
2
0
4
8
0
0
4
0
3
3
12
8
3
0
10
5
0
3
10
0

The cost matrix will be:
0      2      0      12      5
2      0      4      8      0
0      4      0      3      3
12     8      3      0      10
5      0      3      10     0

The cost of the most efficient tour = 21
Nodes visited in the most efficient tour: 0 -> 1 -> 3 -> 2 -> 4 -> 0

```