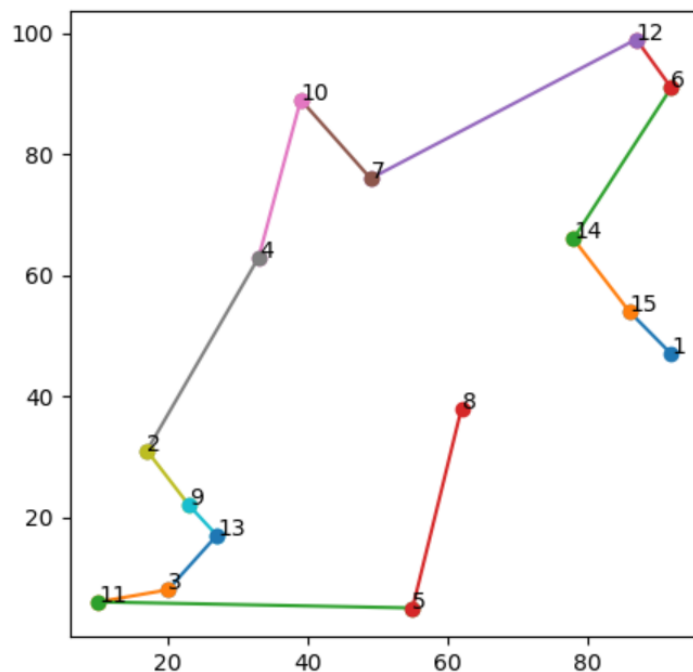D:\Python\anaconda\python.exe "D:/Python/PycharmProjects/Labyrinth problem/assigment2.py"

please input citys number(1~15):

D:\Python\anaconda\python.exe "D:/Python/PycharmProjects/Labyrinth problem/assigment2.py"

please input citys number(1~15): 15

{1: (92, 47), 2: (17, 31), 3: (20, 8), 4: (33, 63), 5: (55, 5), 6: (92, 91), 7: (49, 76), 8: (62, 38), 9: (23, 22), 10: (39,

City shortest path: [1, 15, 14, 6, 12, 7, 10, 4, 2, 9, 13, 3, 11, 5, 8]

Distance traveled: [9.22, 14.42, 28.65, 9.43, 44.42, 16.4, 26.68, 35.78, 10.82, 6.4, 11.4, 10.2, 45.01, 33.73]

Average tour length is: 21.611428571428572

The time of the run: 0:00:00.000997

TPS routes — □ ✕

D:\Python\anaconda\python.exe "D:/Python/PycharmProjects/Labyrinth problem/assigment2.py"

please input citys number(1~15): 6

{1: (57, 83), 2: (65, 57), 3: (38, 75), 4: (73, 42), 5: (91, 70), 6: (84, 86)}

City shortest path: [1, 3, 2, 4, 5, 6]

Distance traveled: [20.62, 32.45, 17.0, 33.29, 17.46]

Average tour length is: 24.164000000000005

The time of the run: 0:00:00