In [1]: from munkres import Munkres, print\_matrix

In [2]: matrix = [[17, 15, 9, 5, 12],

 [16, 16, 10, 5, 10],

 [12, 15, 14, 11, 5],

 [4, 8, 14, 17, 13],

 [13, 9, 8, 12, 17]]

In [3]: m = Munkres()

In [4]: indexes = m.compute(matrix)

In [5]: print\_matrix(matrix)

[17, 15, 9, 5, 12]

[16, 16, 10, 5, 10]

[12, 15, 14, 11, 5]

[ 4, 8, 14, 17, 13]

[13, 9, 8, 12, 17]

In [6]: indexes

Out[6]: [(0, 2), (1, 3), (2, 4), (3, 0), (4, 1)]

In [7]: print ('coût=', sum([matrix[i[0]][i[1]] for i in indexes]))

Out[7]: coût= 32