

Task 5. Shortest path using ant colony optimization

Solve the following shortest path searching problem using ant colony optimization approach.

0, 10, 12, 11, 14

10, 0, 13, 15, 8

12, 13, 0, 9, 14

11, 15, 9, 0, 16

14, 8, 14, 16, 0

Input Format:

Index of nodes and edges of problem graph.

Output Format:

Sequence of visited nodes of problem graph