



## GRAPH

The graph visualization displays the shortest paths between 25 bus stops in Karachi. The stops are arranged in a circle, and the paths are represented by lines connecting them. The paths are color-coded: red for the shortest path, orange for the second shortest, and yellow for the third shortest. The stops are labeled with their names, and the paths are labeled with the number of stops on the path. The shortest path (red) starts at Nipa and ends at Nipa, passing through 10 stops. The second shortest path (orange) starts at Nipa and ends at Nipa, passing through 11 stops. The third shortest path (yellow) starts at Nipa and ends at Nipa, passing through 12 stops.

## LEARNING OUTCOMES

## CHARACTERISTICS

Its graph type is undirected

## GROUP MEMBERS

Abdullah (18B-103-CS(b))