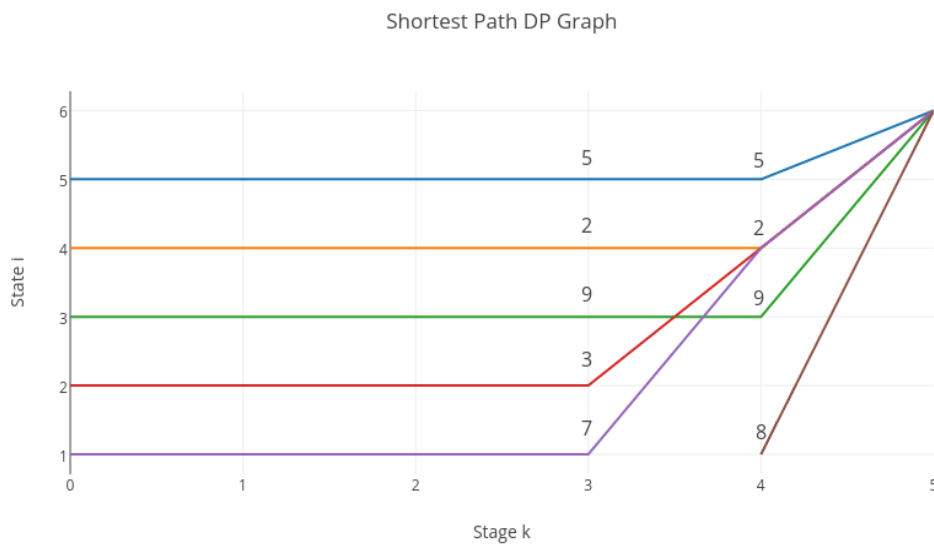# Problemset 2

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1   Shortest Path via DP

Using the DP algorithm as discussed in class we find the above graph. Hence the shortest path from each node to node 6 is as follows:

From node 1: 7

From node 2: 3

From node 3: 9
From node 4: 2
From node 5: 5

2 Shortest Path via Label Correcting Methods

3 Clustering

4 Path Bottleneck Problem

5 TSP Computational Assignment