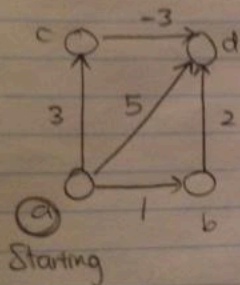


4. Shortest Paths



Starting from vertex a,
Dijkstra's algorithm produces path: a, b, d.
However, this is not the shortest path.
Path a, c, d produces the shortest path
because weight of a b d = 3,
and weight of a c d = 0.
Thus, in this example, Dijkstra's algorithm
produces incorrect answer