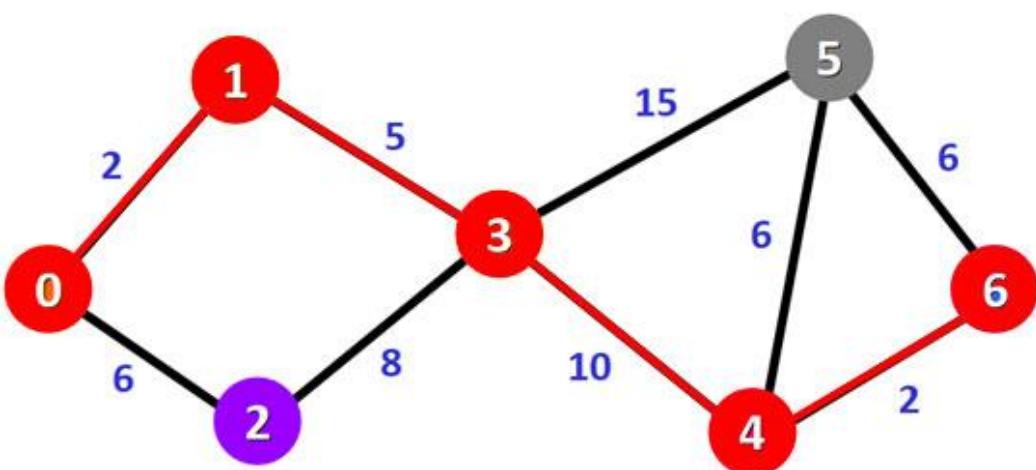


Calculate the shortest path from vertex '0' to vertex '6' using Dijkstra's Algorithm (CLASS TASK)

Solution:

Vertex	Shortest Distance	Previous Vertex
0	0	-
1	2	0
2	6	0
3	7	1
4	17	3
5	22	3
6	19	4

Shortest Path is {0,1,3,4,6}



In the exam you may shade the shortage path and write the answer as a set; as shown above the image.