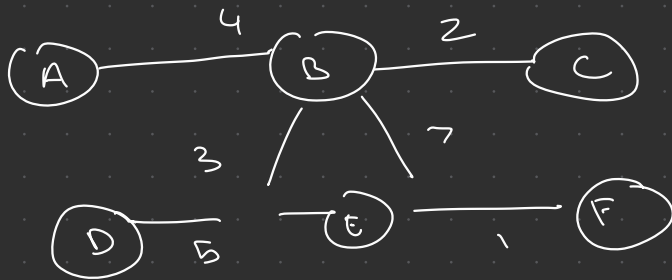


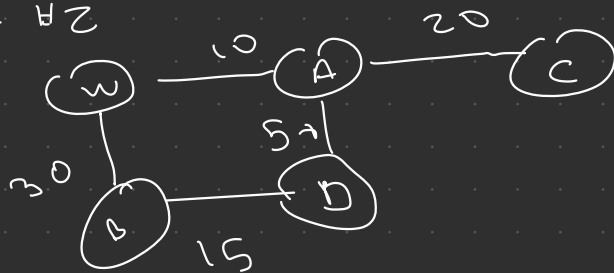
Dijkstra's Algorithm - shortest delivery route

between 2 cities \rightarrow



graph \rightarrow Hash Map, cities keys \rightarrow roads (values)
priority queue (min heap) \rightarrow always nearest city 1st
Ex: $A \rightarrow (B, 4) (C, 5)$
 $B \rightarrow (A, 4) (C, 2)$

Ex WZ



fastest via Dijkstra Alg.
 $W \rightarrow A \rightarrow C = 30$