White the pseudo code for Dijkstras algorithm. Dijkstora's Algosithm function Dijkstora (Groraph, souace): Jos each vesitex v in Brough: dist [v] := inginity parious [v] = undefined dist Isource] := 0 Q:= the set of all modes in Grouph while a is not empty: u:= node in Q with smallest dist[] somove u goion Q for each meighbours v of u: alt: = dist [u] + dist - between (u,v) If alt < dist[v] dist[v] := alt pouvious [v] := u scotusin previous[]

Compute the shootest distance forom veortex 1 to all other vertices using Dijkstorals algorithm.



