D2014 18.11.20
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Let G be a Connected greph with n Vertices. Step-1: Select any Vertex Vi of the graph G, Or Start from the given Vartex. Step-2 !- Comect vi to the nearest adjacent Vertex say vj Step-3, Taking (Vi, Vj) as one subgraph of G., Connect this subgraph to the the vertex Vk which is nearest to Vi, Vj, but not form a Cycle.

Step-4+ go on seperating step 3 untill all n-vertices have been connected by (n-1) edges. Q Find MST by wong Plin's Algo. B 2 3 3 C Solps Let us start from Vertex A. (i) Select the Vertex C Insert edge AC B. 2 C
D 2
1 E No. of Vertices = 5 (11) Select the Vertex E No. of Eelges Needed in MST = n-1Insert Edge Ct (1) Select the Vertex D Insert Edge ED (IV) Select B Insert Edge BC Which is keg. M.ST Weylt7MST = 1+1+2+2=6 Find MST By Wang

Prim's Algo.

a 2 C h

b. 2 d





