Name: Connor Paymond Stewart ID: 101041125 MATH 3802 Tutorial March 12: 1) Show a minimum-weight Spanning tree obtained using Prim's algorithm Starting with r=v1, Point sub the iterations in which there exists two or more choices for the edge to be added: Show a Minimum-weight Spanning tree obtained using Kruskal's algorithm & an optimal Solution to (DMST) in the Proof of theorm 8.3 using the edge - ordering: e1-e2=0 la-la=0 (V, e2, V3V6, V2V4, V, V3, K34, 1449, V, V4, V4V6, V5V4) la la lu la la la la Problems: 1) Find a minimum-weight Spanning tree obtained using Prim's algorithm Starting with r= 1/s:

(2) Find the same into as an using the edge ordering (VSV6, V2V4, VIVA, VIVA, V4V8, V4V6, VaV5, VIV4):

(V5V6, VaV4, V, V2, V, V3, V3V4, V4V5, V4 V6, V3V5, V, V4) la la lu la la la la (1) (1) 2 (2) 3

