

Bon's Ayridia 1901042252 CSE 222 Errol Examination B. Agrill 2) First I'd put stating node inside a higher and or gueral. Then I'd i han or for loop (n-1) times and pot the neighbour's of the all the elonants inside the queue - when I found oill the elements of a single vertex I'd poil the element in the queuo. For the neighbours I found in the last iteration, I'd check if they are inside the hostiset (to check if they're visited before). If they are not I would some those vertices inside an orrey and return their array. Adding on element to how high tookes O(1) the Getting the iterator for A-L takes D(1) time 11 " A-M toikes O(n) + me Since we have two nested firstions and calling adj. iterator it would tooke O(N2) I'me 11 A.M " 4 11 O(n3) + me