Subject	
Date	Time

(4) A greaph will be tree it and only it satisfy theses conditions.

- 1) Connection between vetetees.
- ii) (n-1) edge
- iii) no eyele.

Therefor if any graph fullfills these condition.

The we can call these graph a tree.

Entree node it means any node which is contain in the non-biparctike connection and then I will assign colour on it goes. The first time i'll find a back edge connecting two verties of the same colour. Then i'll unwind the node stack between two verties. Thus i'll find the odd length of the cycle of the grouph.