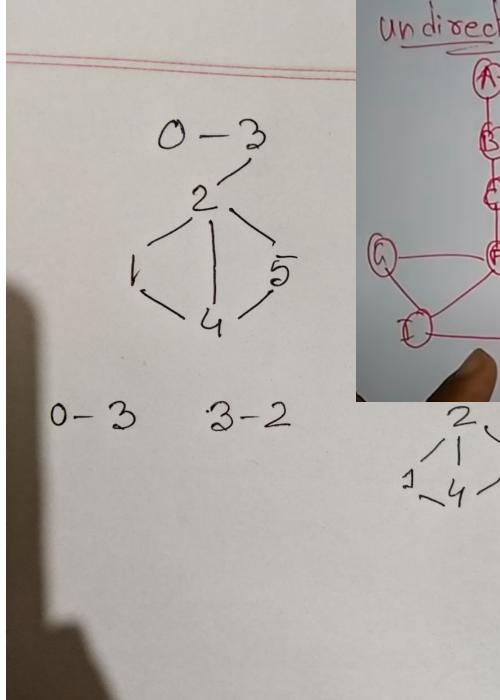
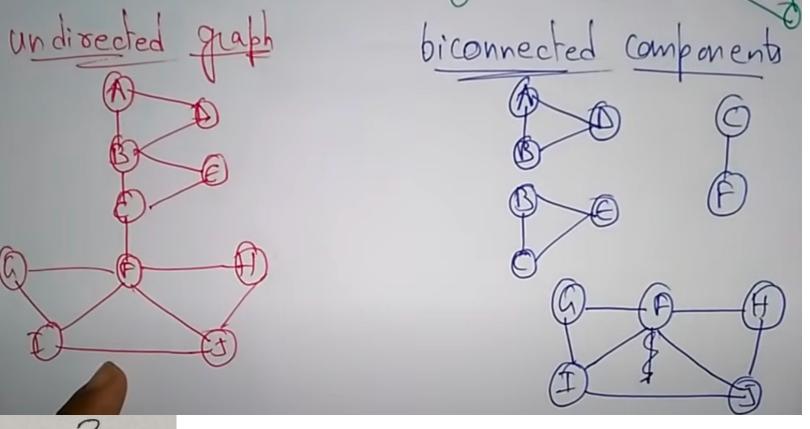
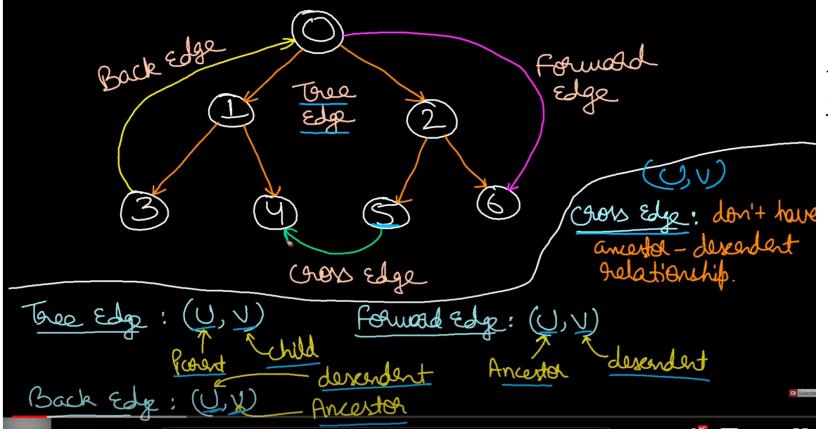
Bcc:



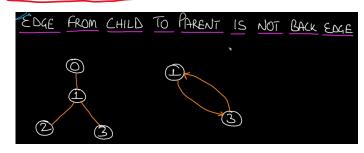


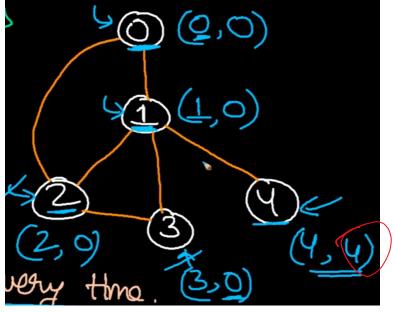


https://youtu.be/ZeDNSeilf-Y?t=97

Low value is also discovery time .curr node theke accessible shokol node er moddhe je node er disc time min

For directed graph:

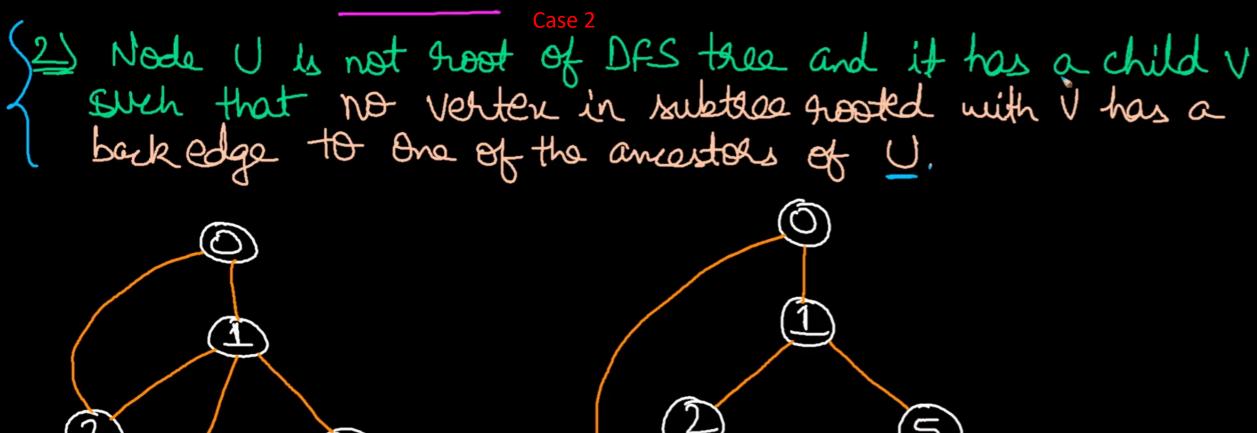




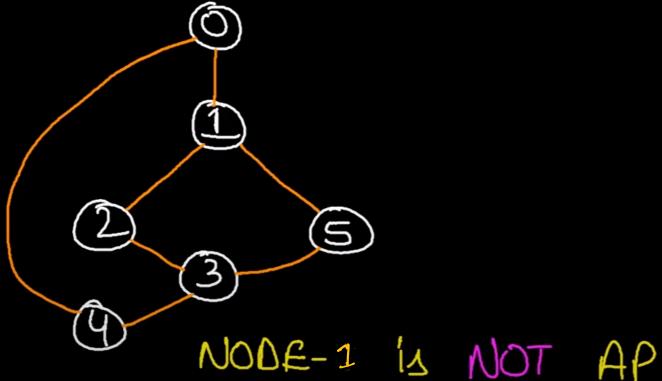
ur children Case 1: If u is the root node of DFS tree and has at least two children(a,b) then it is a articulation point. This is the only subgraph of a here.

I flecording to DFS, after visiting a,

b will be visited b will not visit as the child of a. a-6 will be visited a) the subgraph of u: u has ildren 3 children child in the DFS tree. a-broken



Node-1 is AP



https://youtu.be/64KK9K4RpKE?t=784

HOW TO DETECT AP FOR CASE-2

- (1) we need to find the order of vertices from earliest to laterst to detect book-edges.
 - .. We use timeStamp to mark Nodes with increasing value.
 - i we can do this by assigning discovery time.
- We need to maintain the earliest possible whole accessible for a given wode which will indicate if we have any back edge.

For that we will assign Low value to each Node.