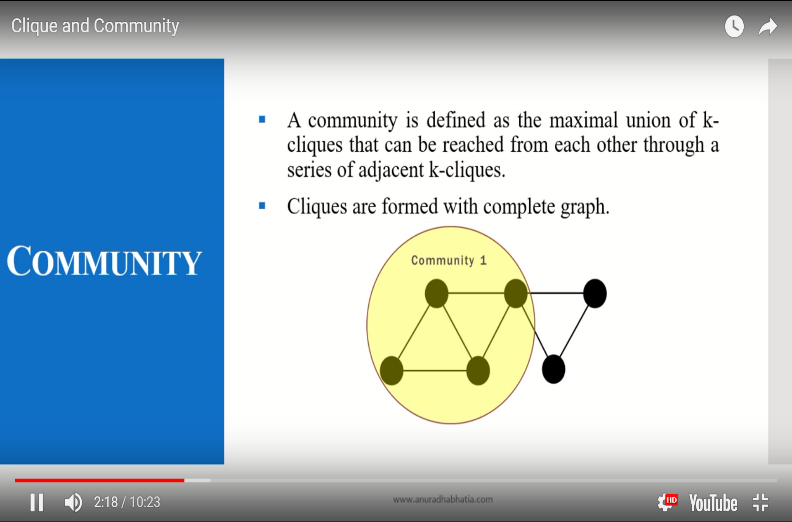
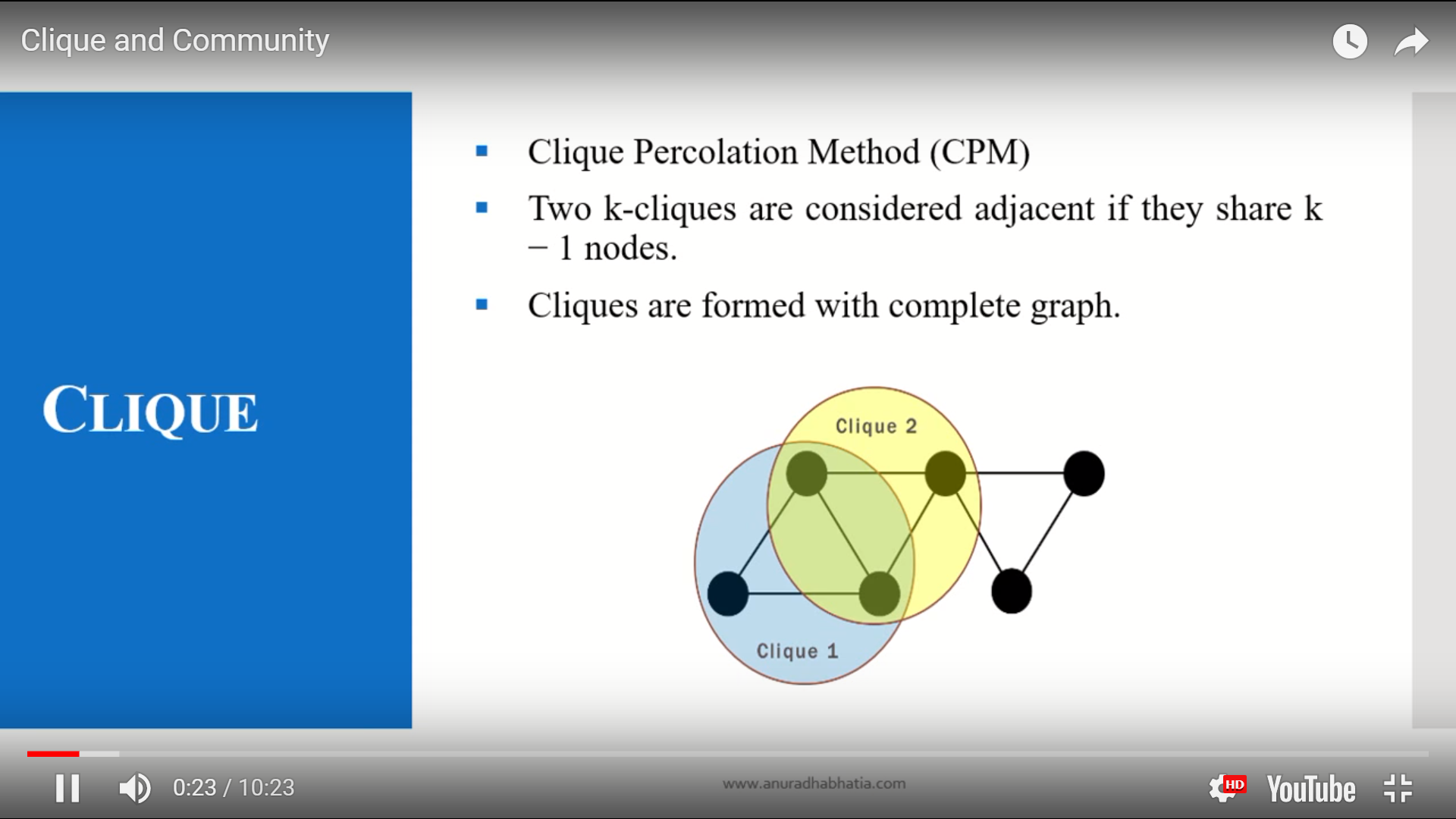
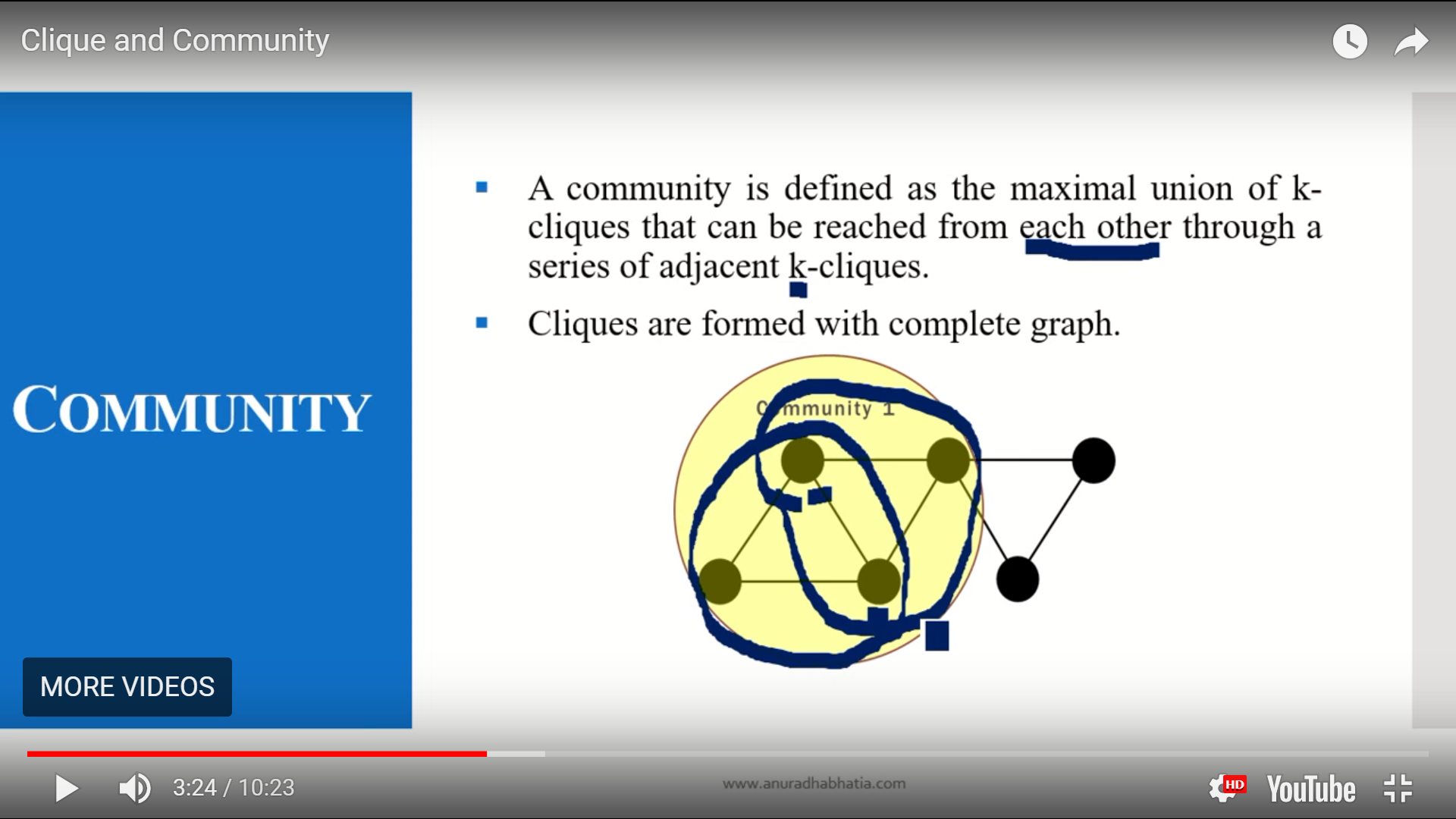
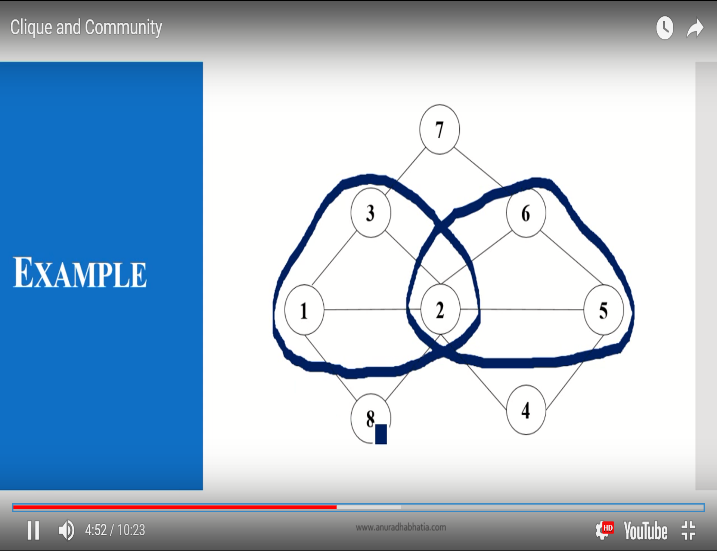
**Clique and community**





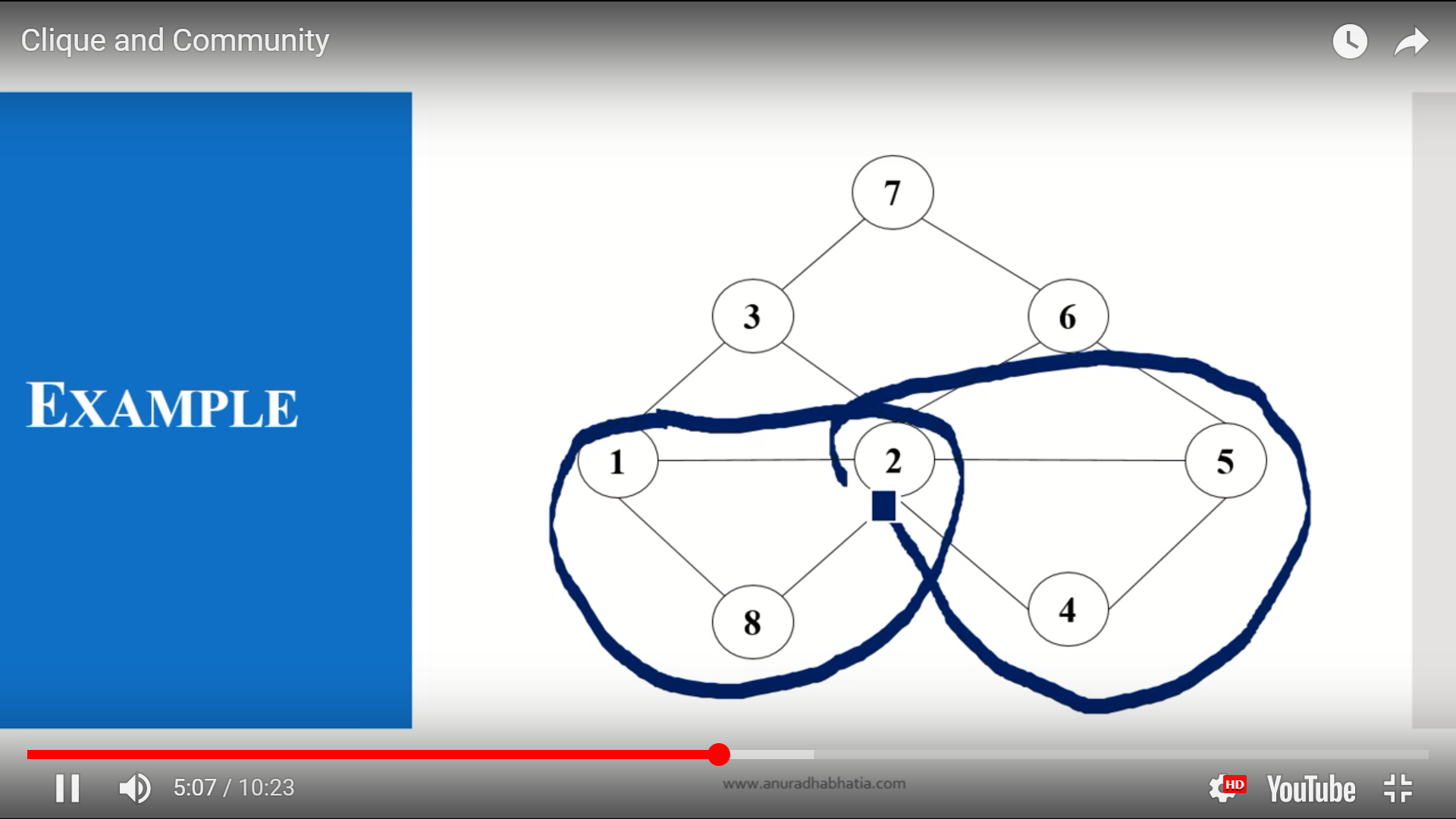
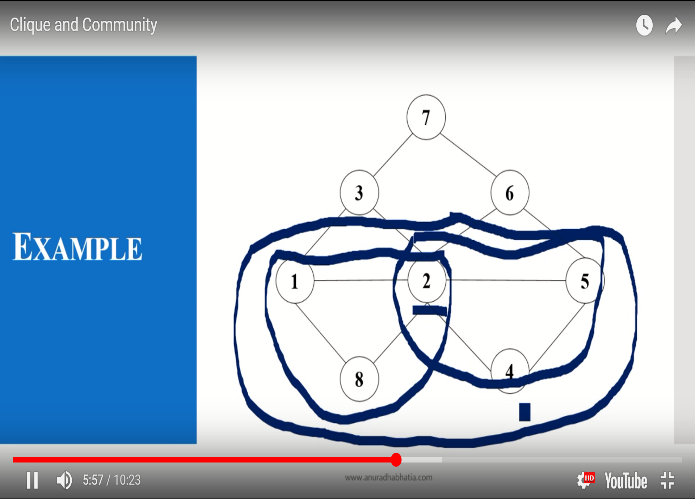
If k=3 then we will see how many cliques will form.



There is a common nodes between two cliques then only

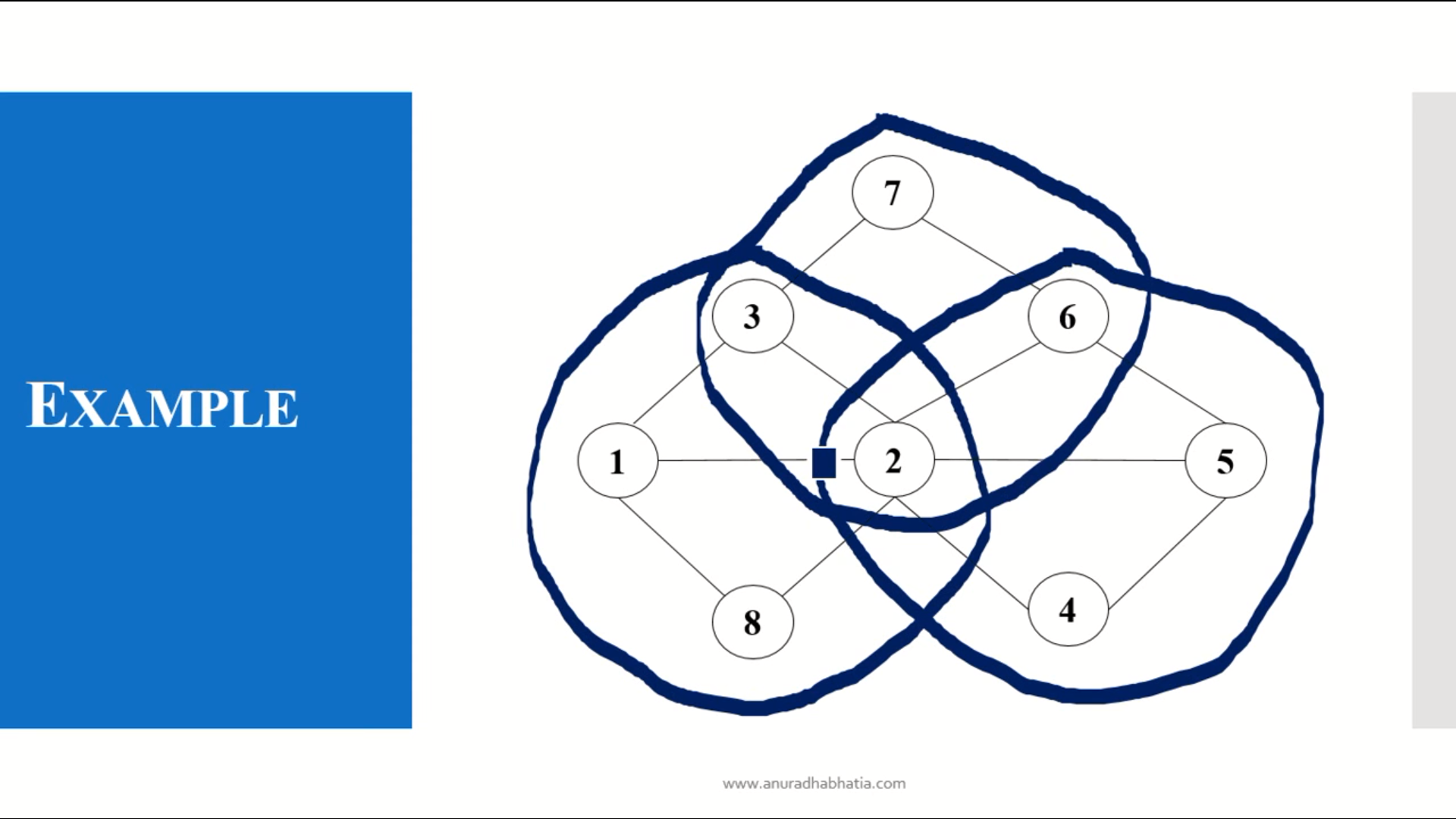
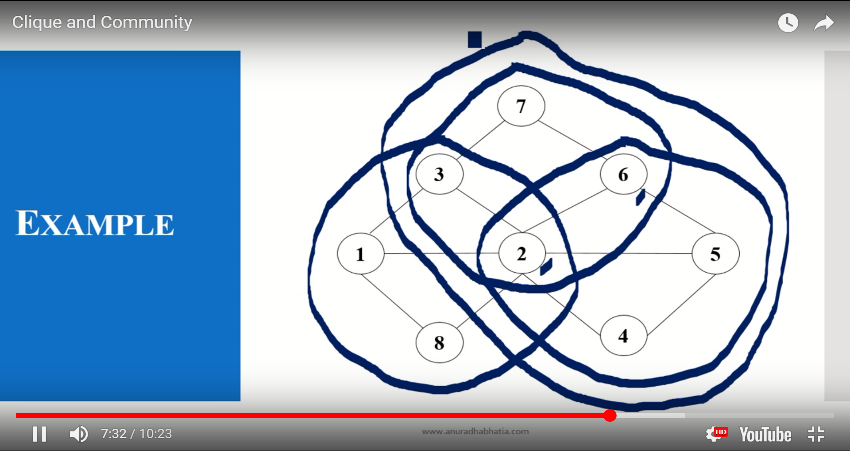
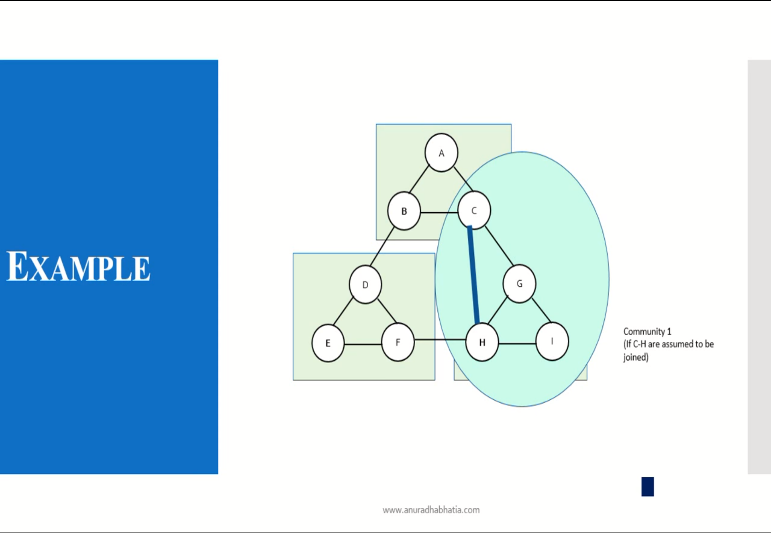
community will form.otherwise no community will form.

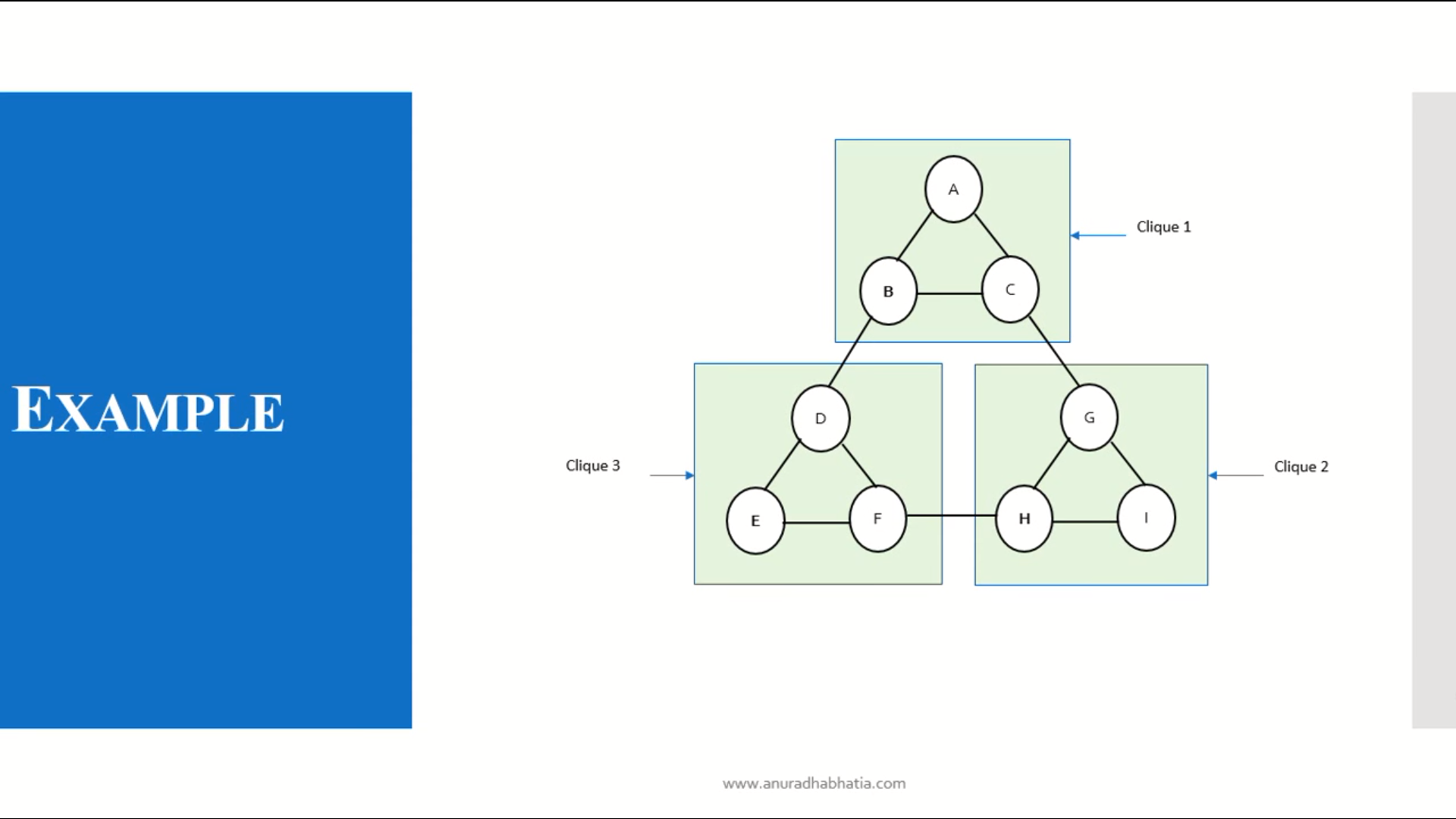
Another two cliques are:



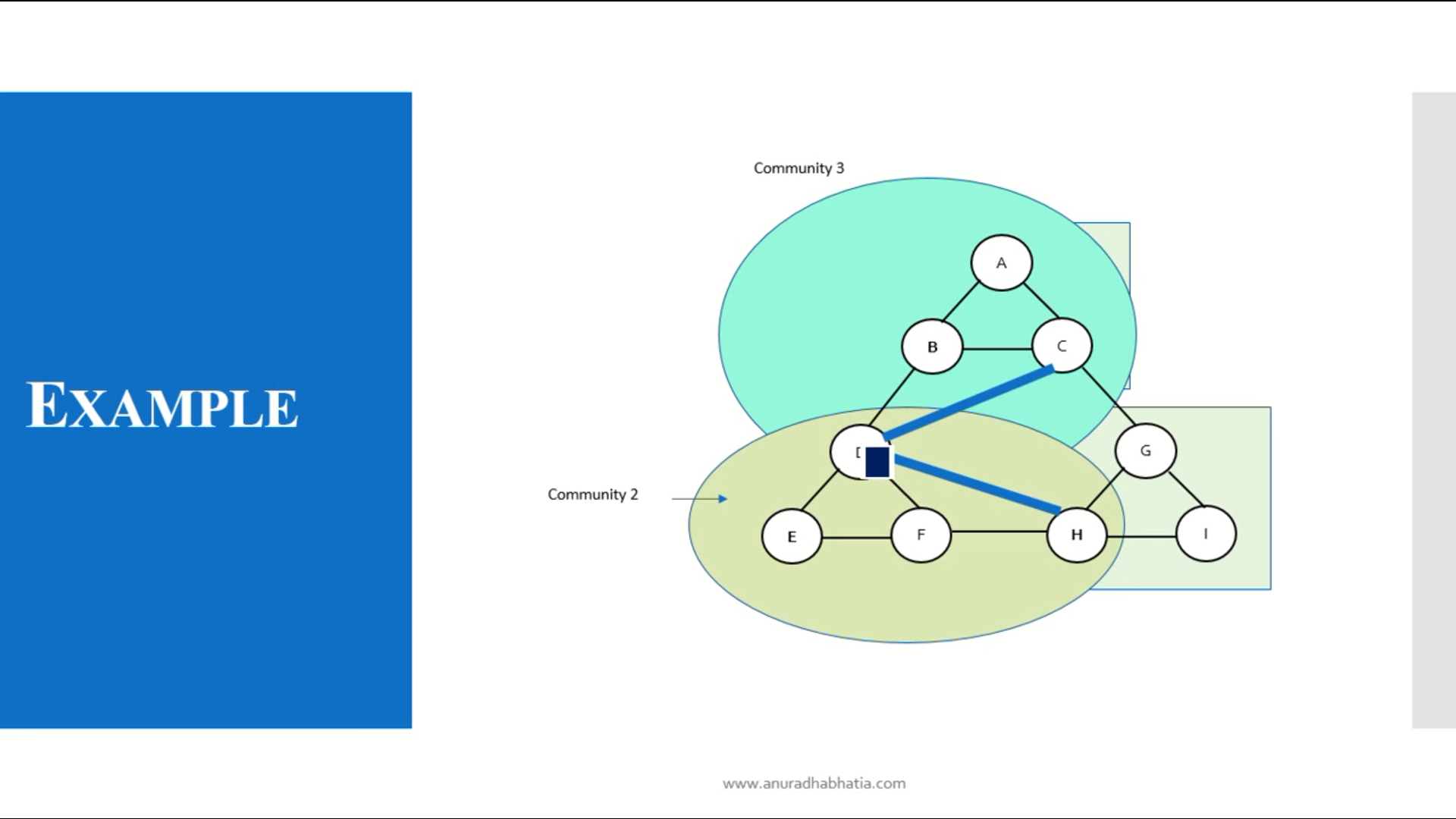
By using this clique we need to form a community

If k=4

 Now we will see how community will form.



Here there Is no community. We connect temporary link here then only we can form community.



We need to take temporary links between D->C and D->H.

Then now the community will form.