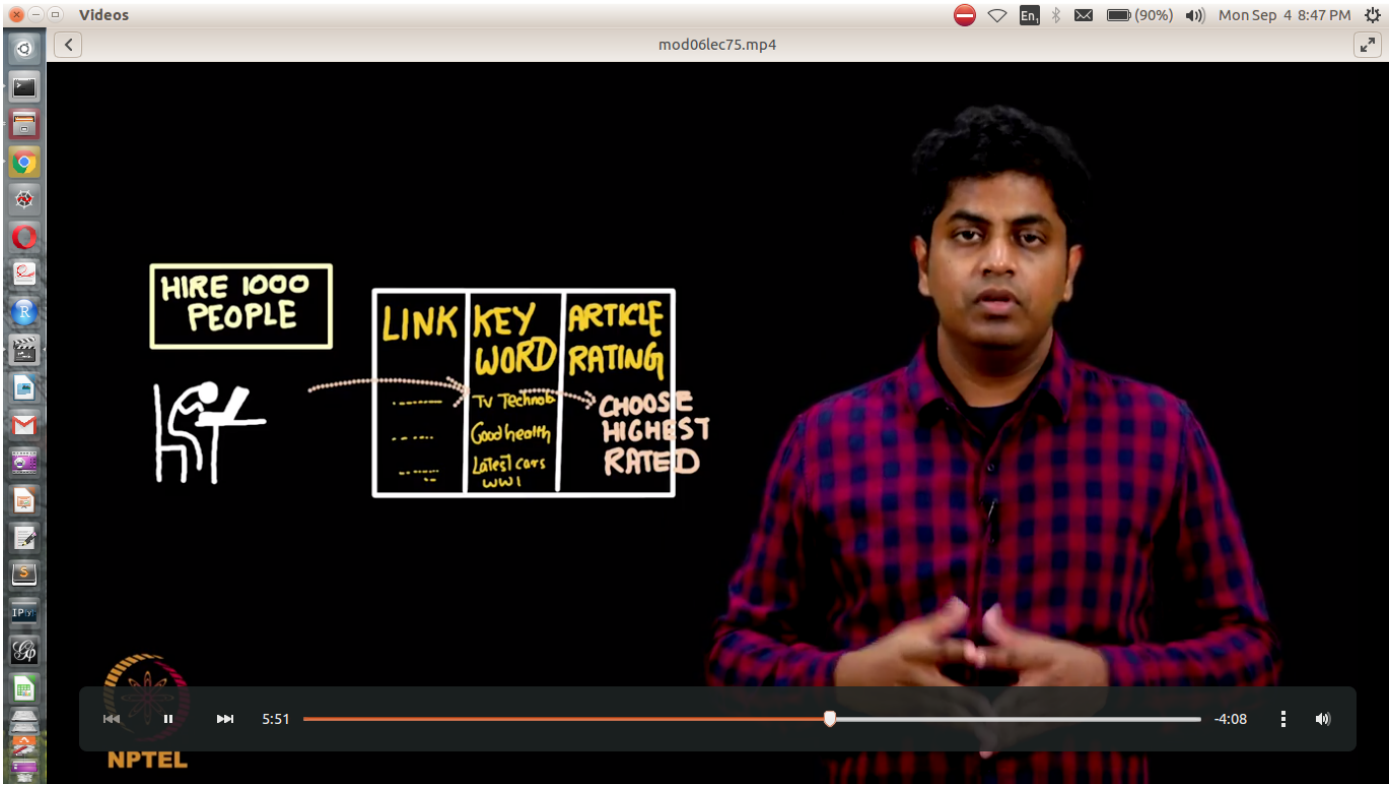
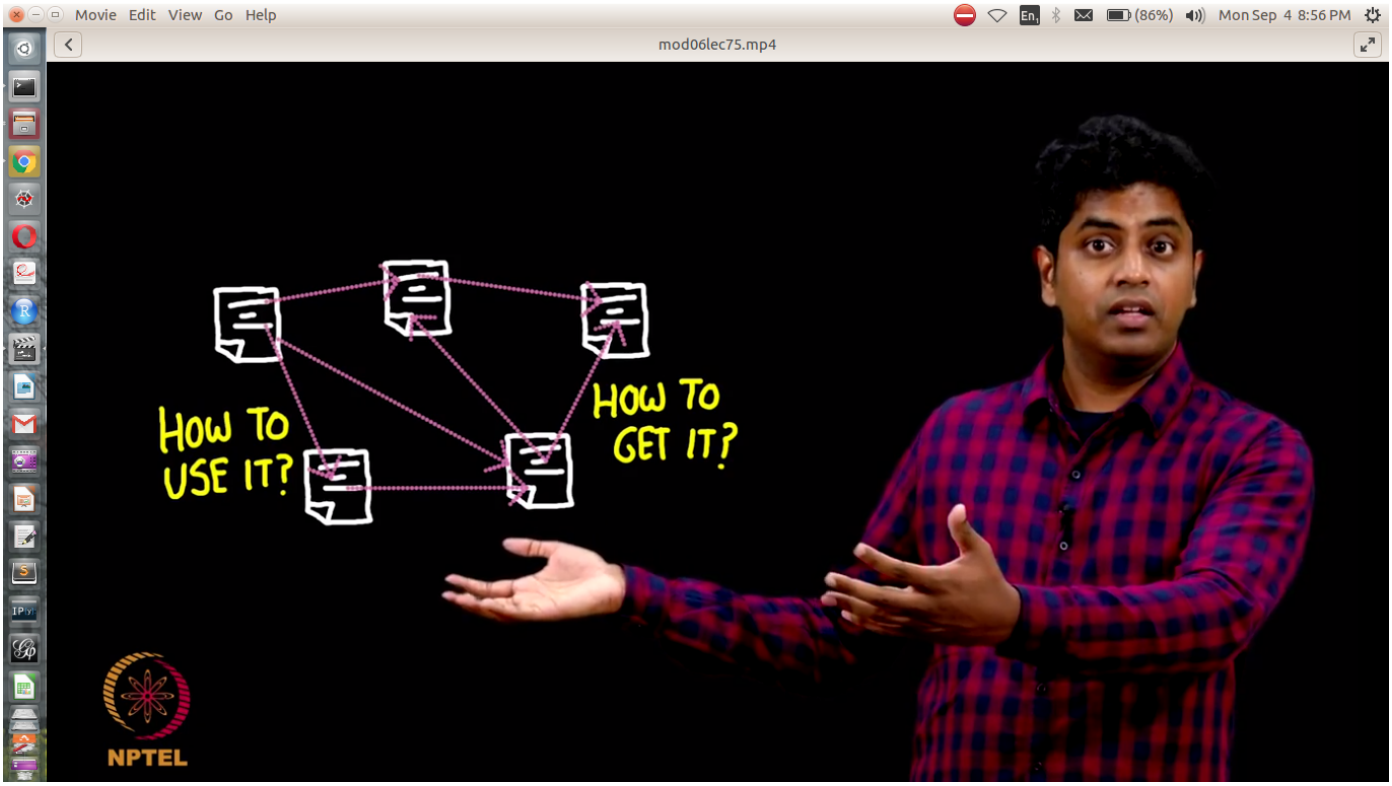
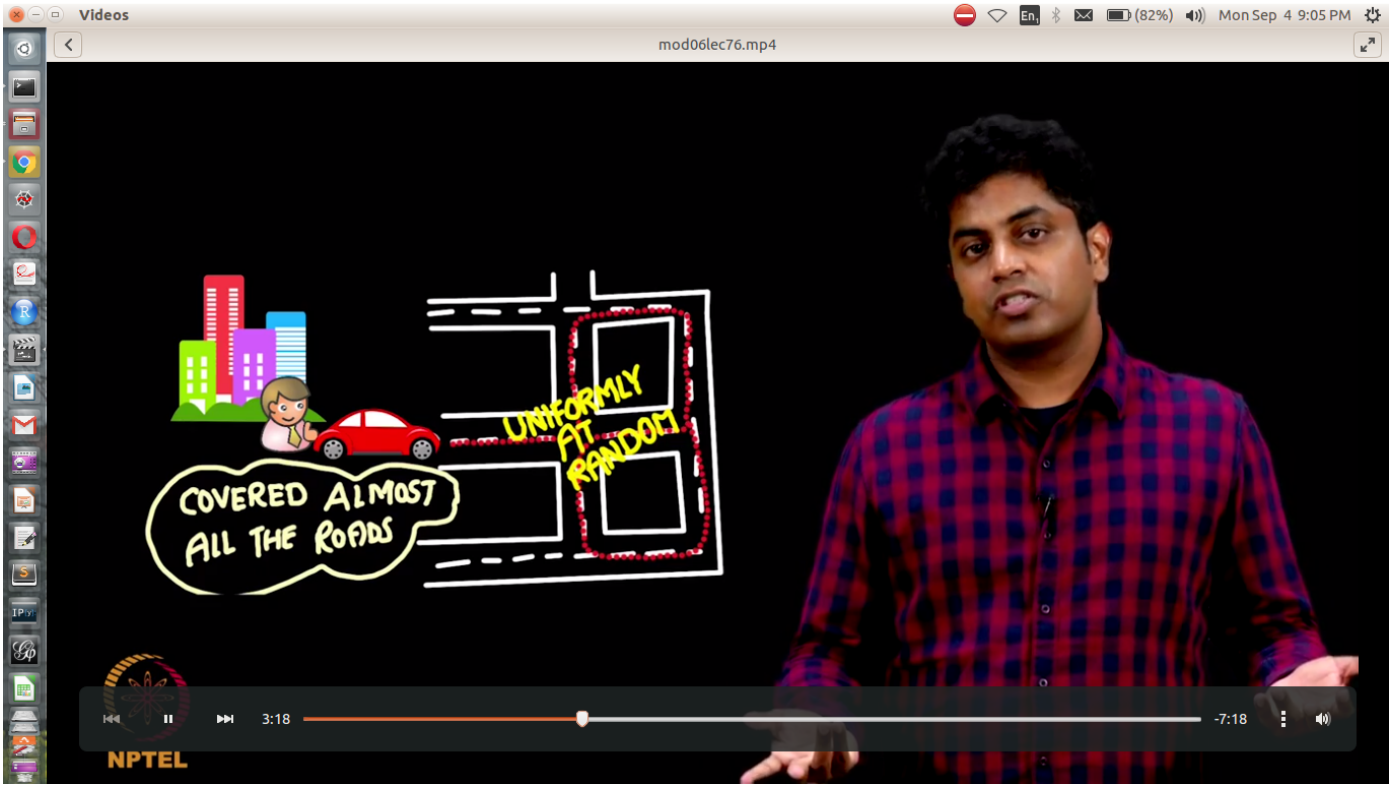
Lec75 Link Analysis : The Web Graph

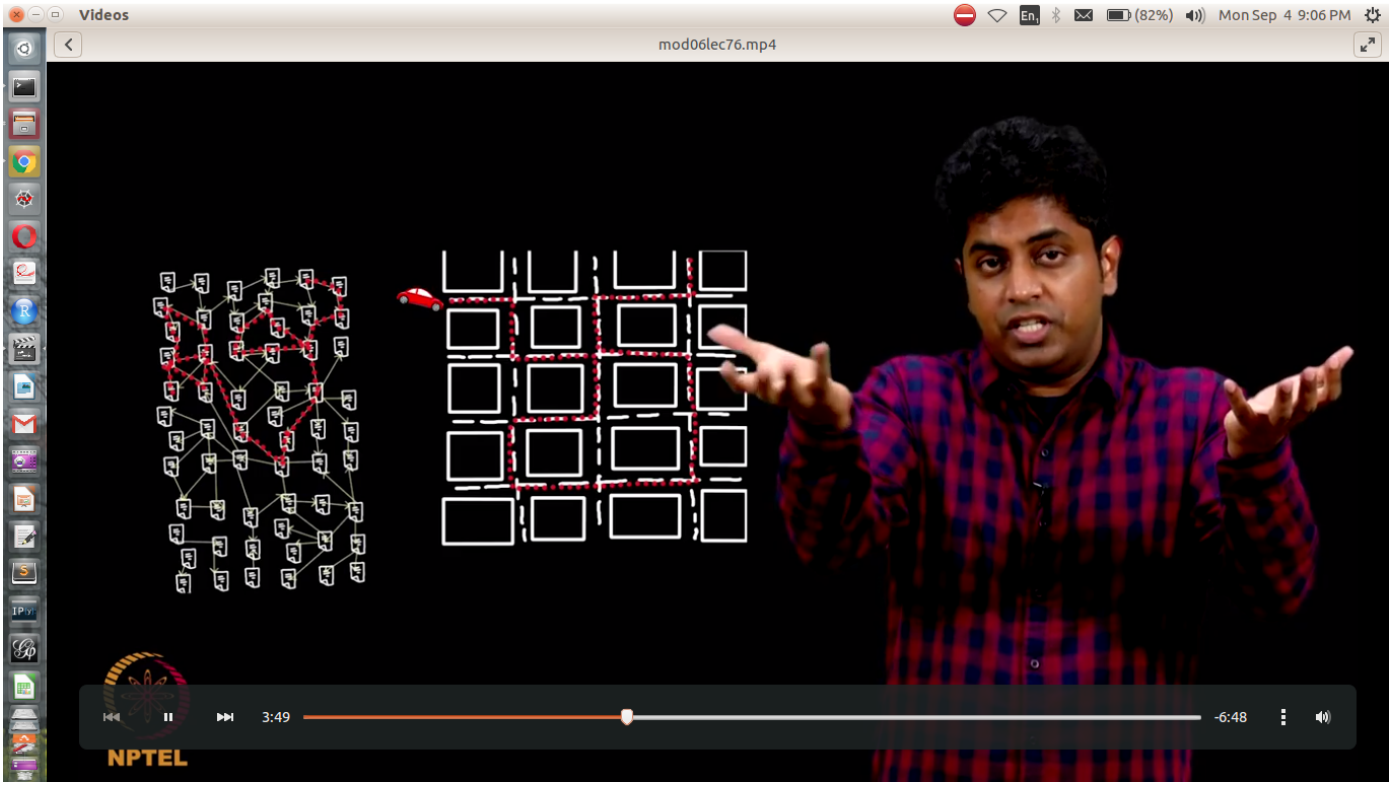


Google -> Web Graph

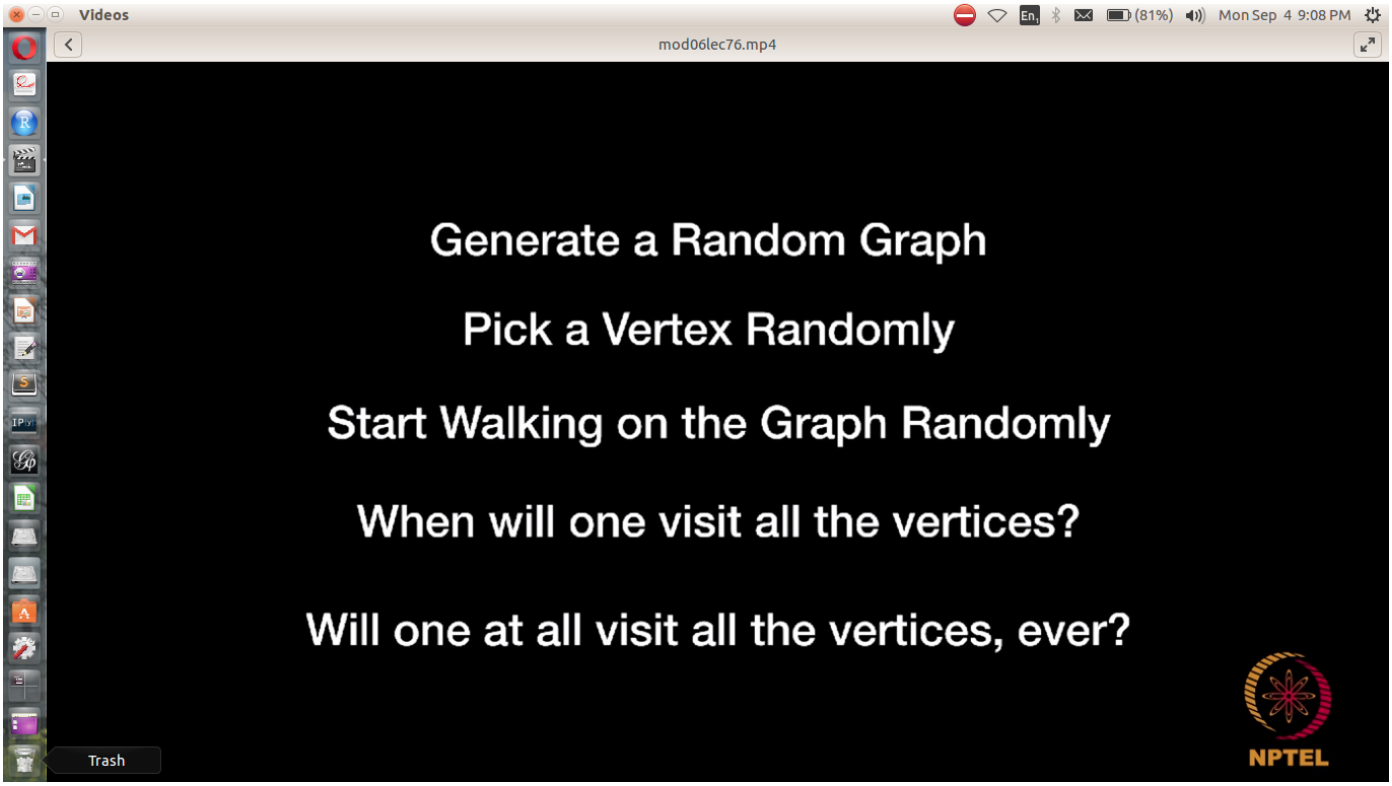


Lec76 Link Analysis : Collecting the Web Graph





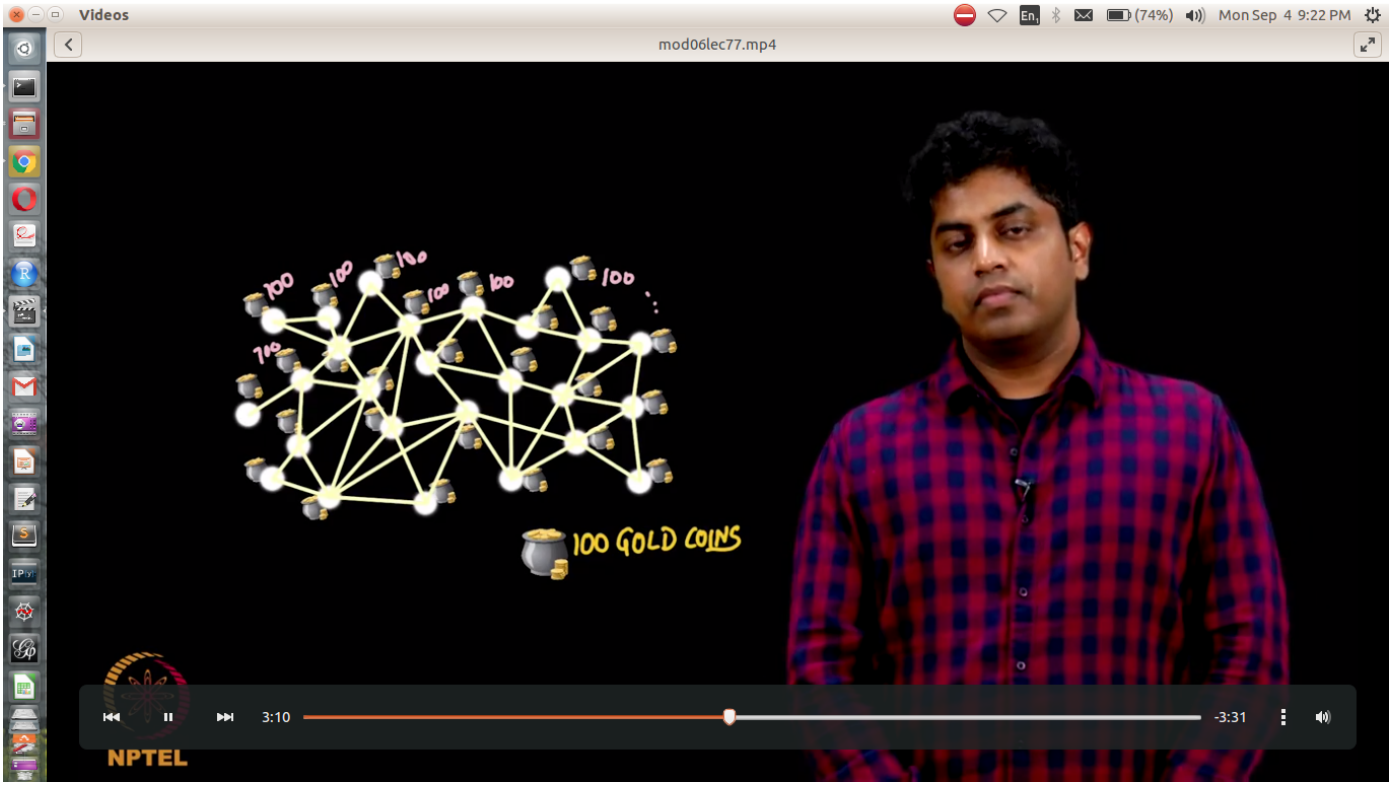
RANDOM WALK :

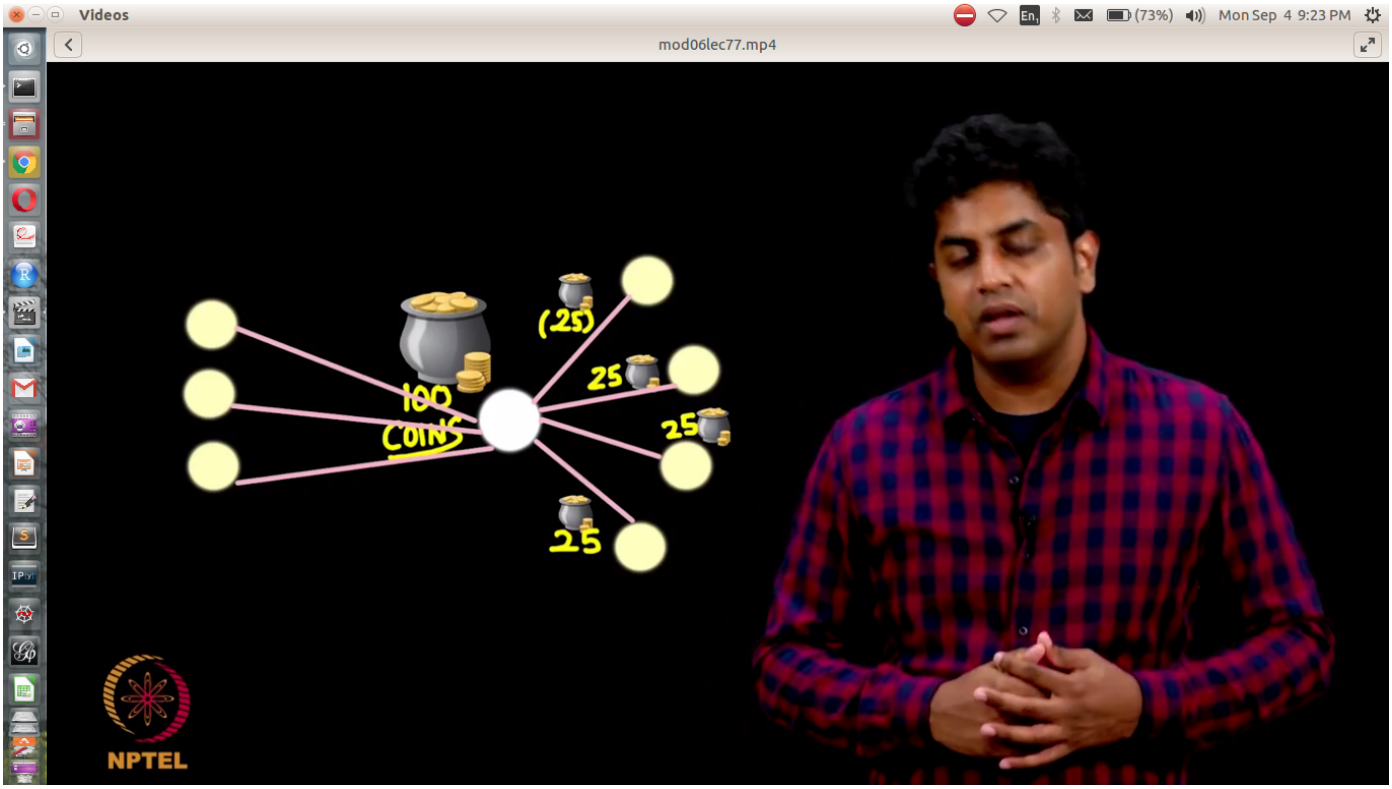


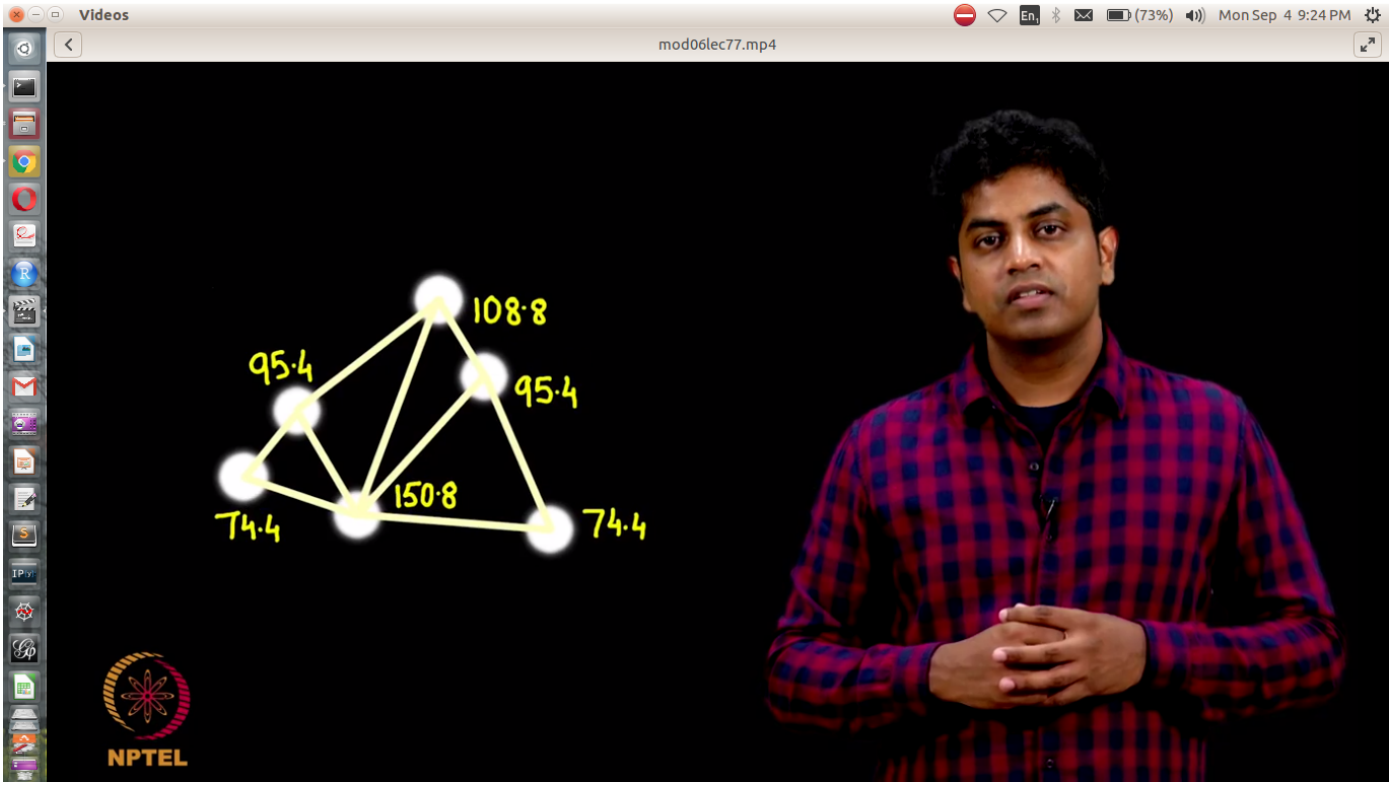
Lets us verify with python

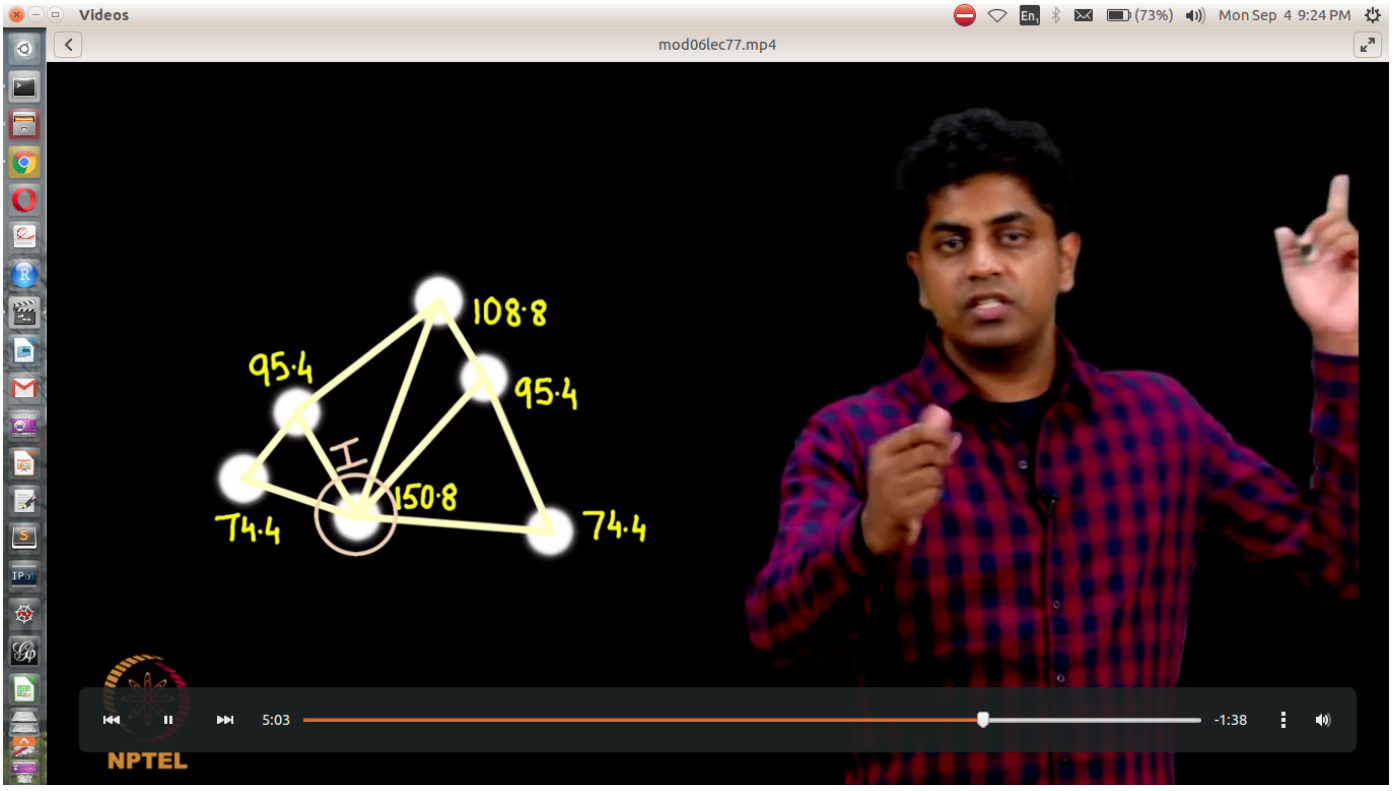
In [ ]:

Lec77 Link Analysis : Equal Coin Distribution


Videos
Mon Sep 4 9:22 PM
mod06lec77.mp4
100 GOLD COINS
3:10
-3:31
NPTEL


Videos
Mon Sep 4 9:23 PM
mod06lec77.mp4
100 COINS
(25)
25
25
25
NPTEL

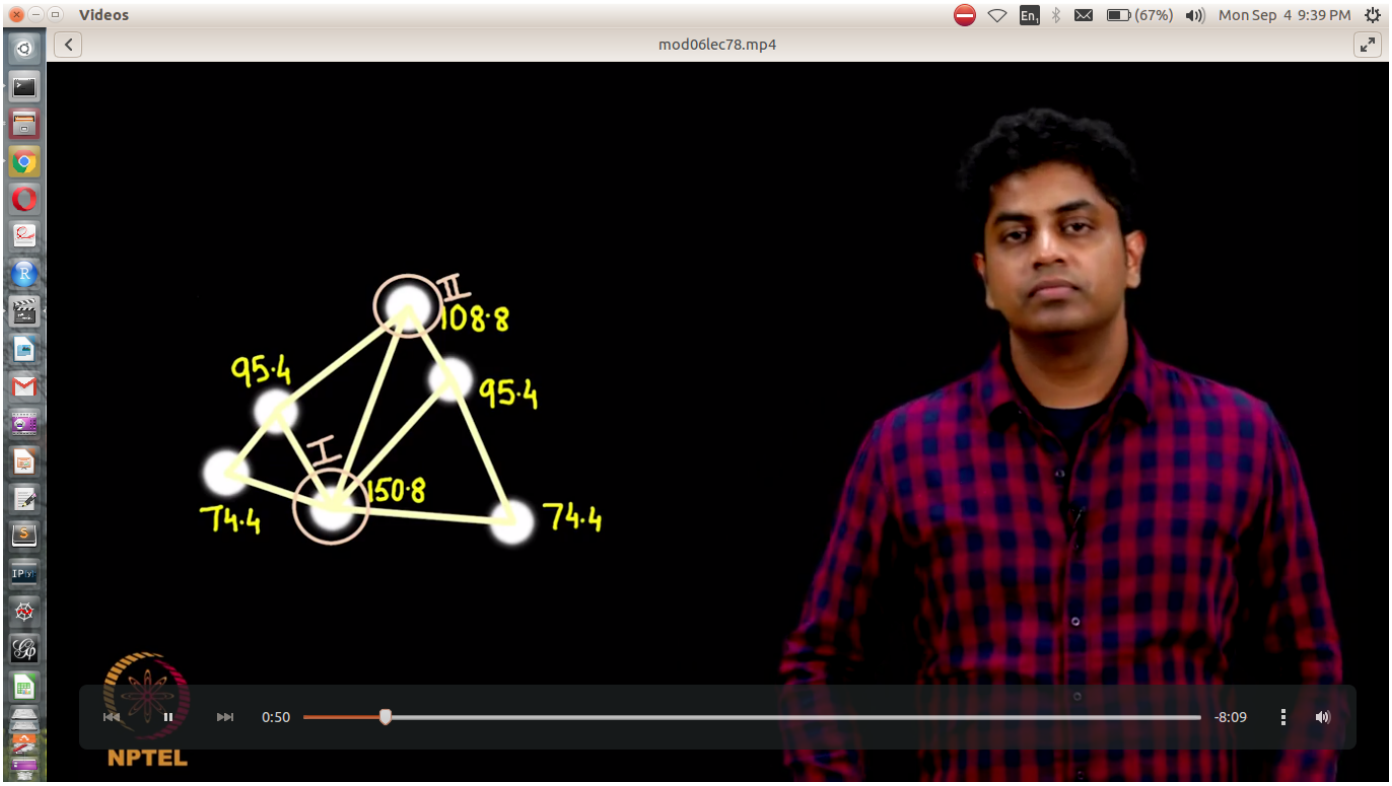




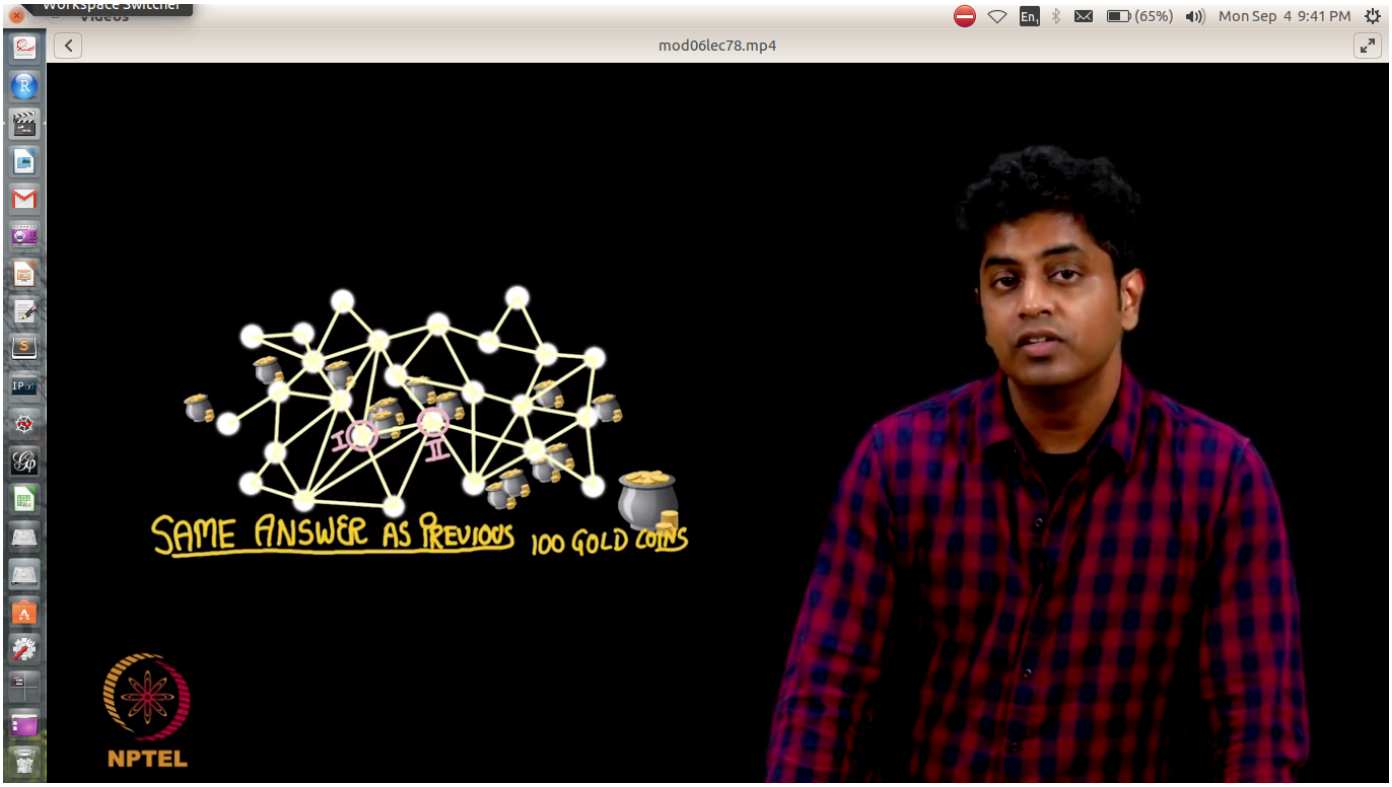
Keep Changing.....

At one stage the graph converges and the one who has the highest degree will be given the first rank

Lec78 Link Analysis : Random Coin Dropping



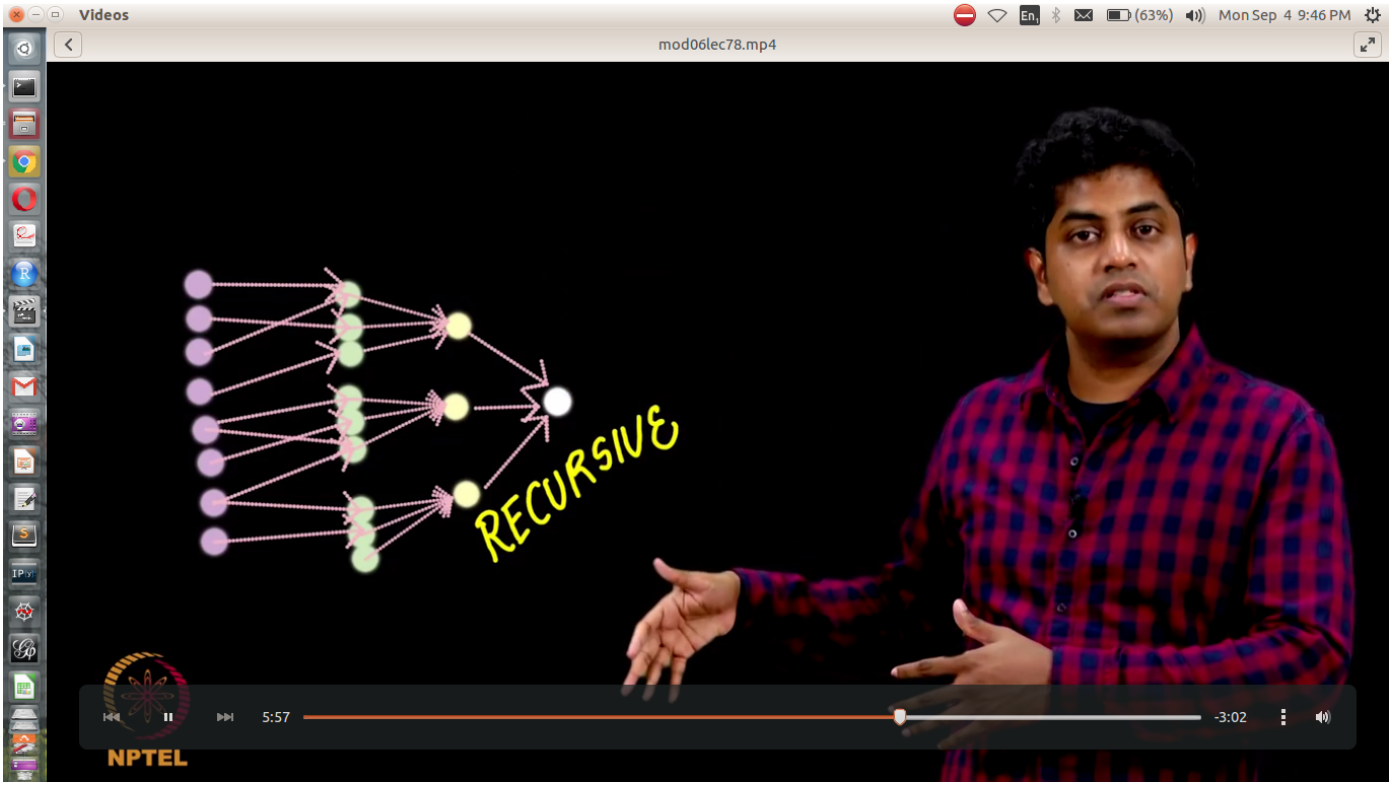
In slightly different way



Not only first rank, all other postions are also same as the previous strategy (Some Mathematical Reason)

i.e. Equal Sharing and Random Dropping yield the same results

Equal sharing:



You are famous if someone who is famous says you famous.....

Cousin should be pointed by many(and also rich/famous) and should also point to less..

Lec79 Link Analysis : Google Page Ranking using Web Graph