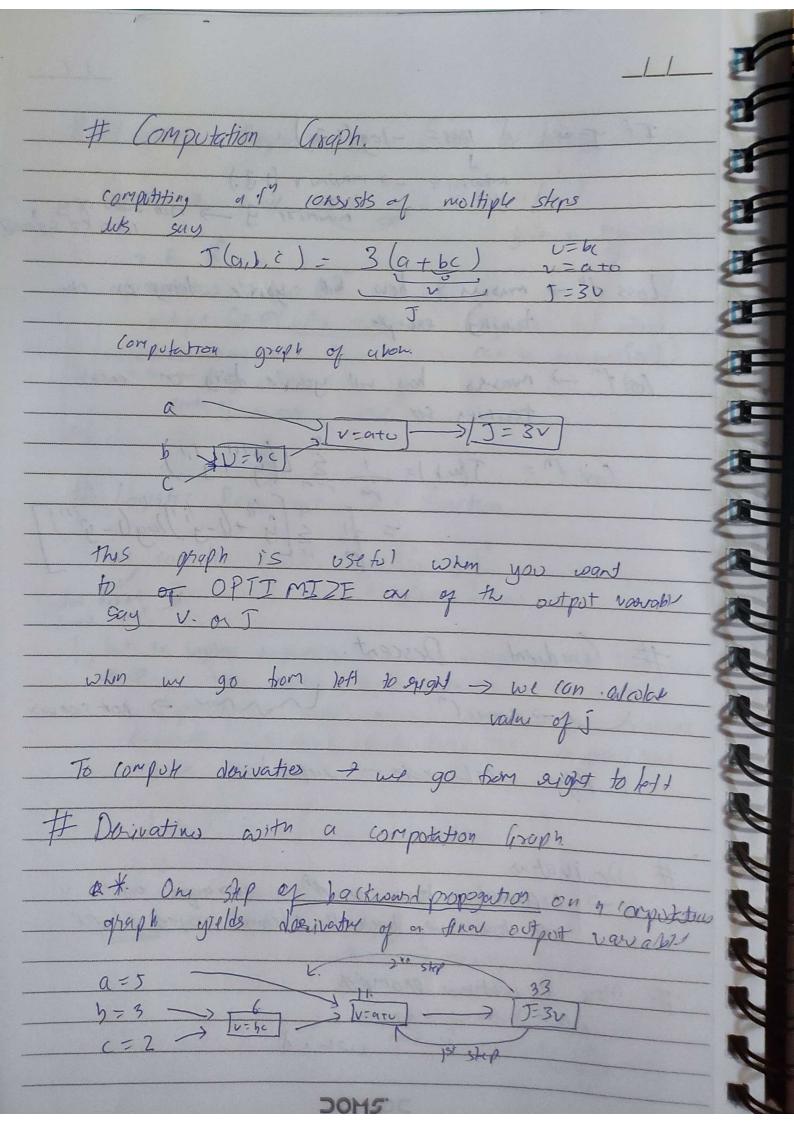
Gradient Descent. / -> convex (" Peper ML nots - superitive. Desivatius - explained how or off y change wing slope. More ourivation examples. enhhh waid. DOM5



15 to I we want to know how does I behow when up treat values of V 5 = 3v  $V = 11 \rightarrow 11 \cdot 01$   $A = 11 \cdot 01$  ite. when any change values of v, 5 changes itself 3 times those values. 2" stp -> now, how does I behan, when we shough value of a? information of changes 3times a=5 + 5.001. v=11 1 11.001 = 33 + 33.003 gist is - : changing a -> changes a by some around

du=1 (hanges 3 3 times dT = dT: du ) - Chain ever This is now we thought how changing previous vow apres, to Changes the value of Final out put In NNs, final outparable is our output and we try to understand how changing force phevious logis parameter

changes our only DOMS

Similarly

Similarly

July 20 July 20