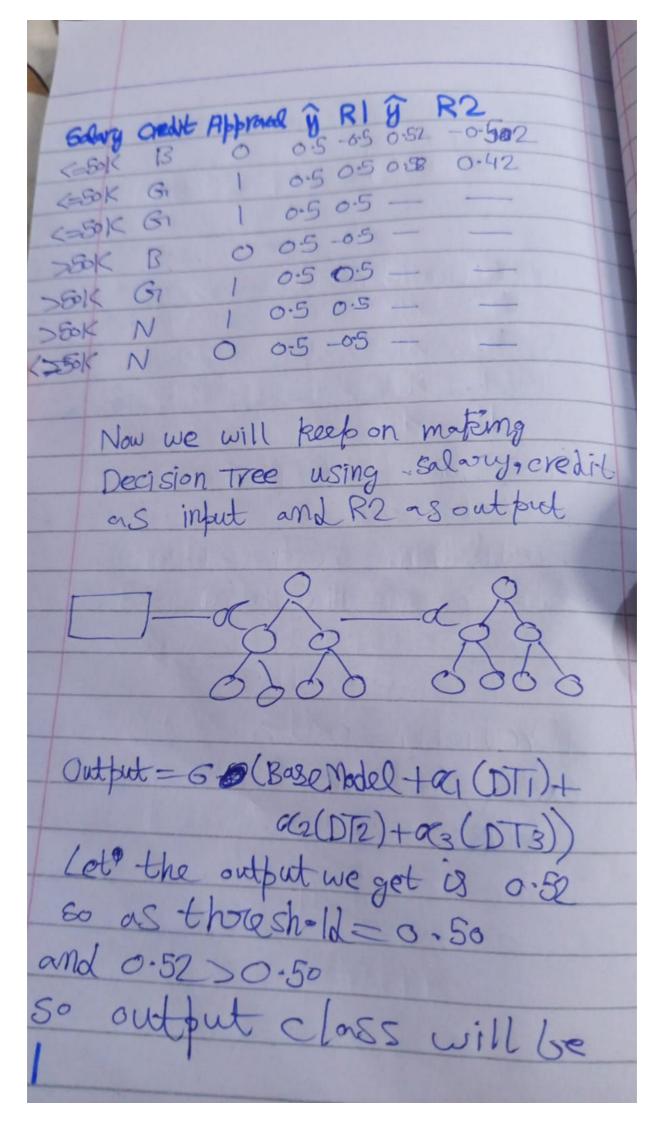
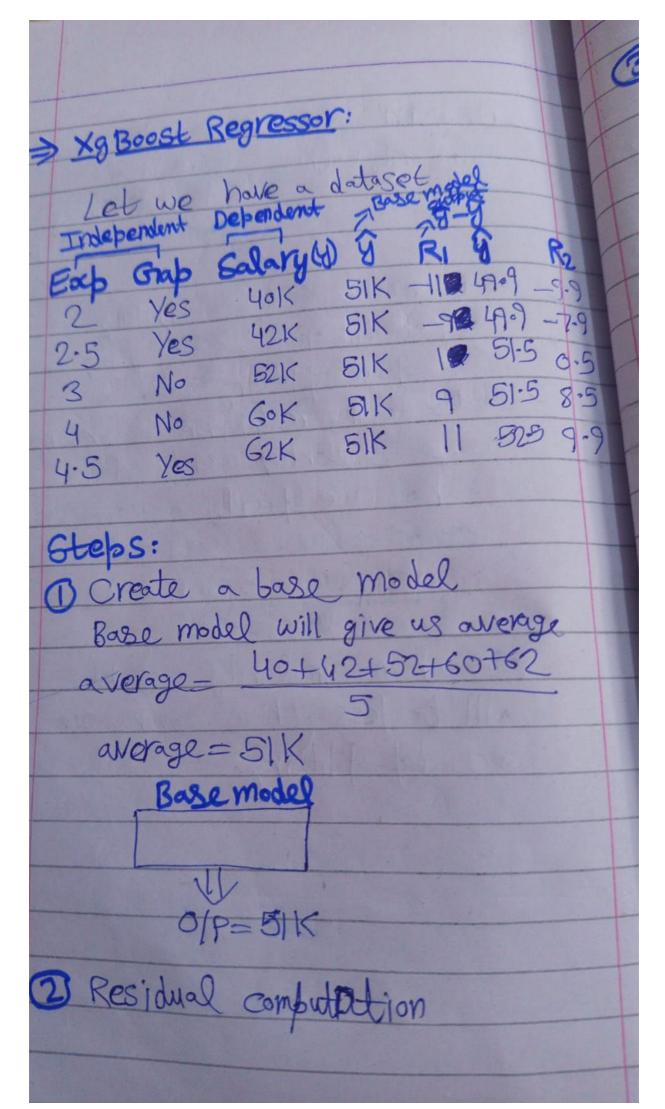
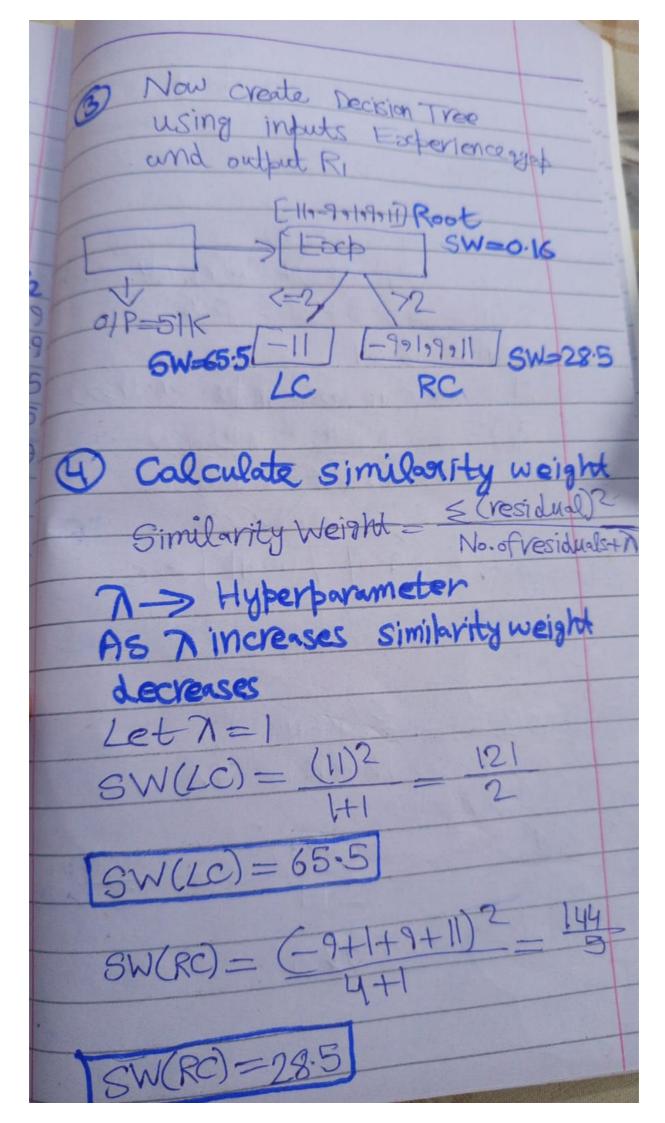


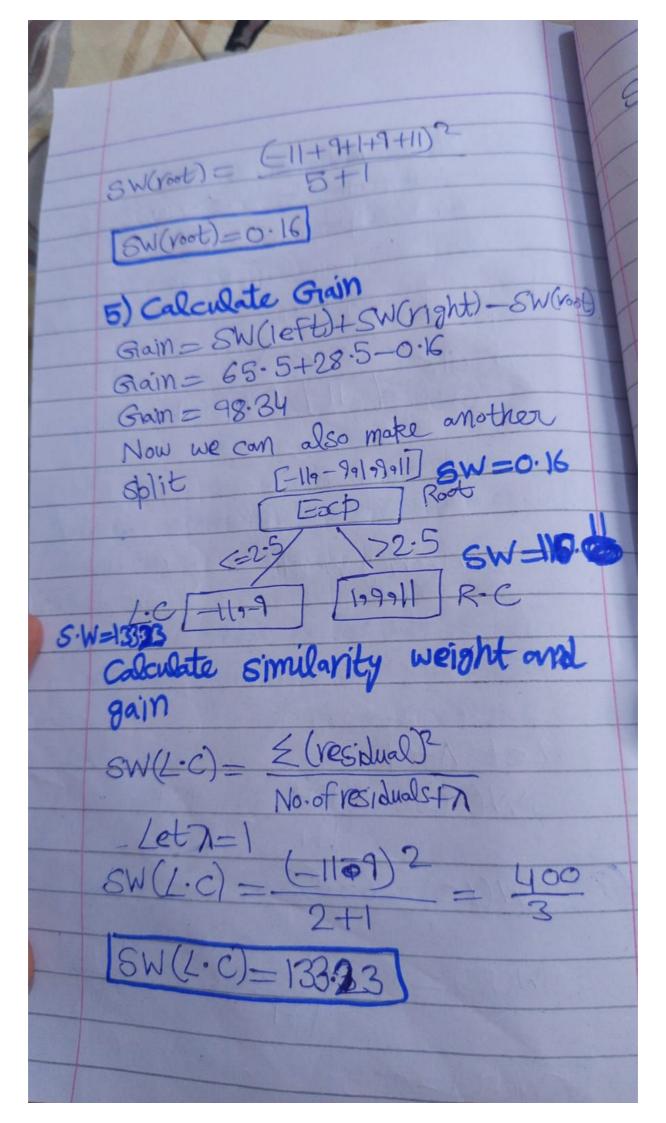
12 0 to 1 > Learning rate grediction of new data = 6 (0+ (0-1)(1))= rediction of new data = 0.52 Similarly calculate for 2nd record salary <= 50 K and credit=57 rediction) = 6(0+a(0.33)) Let 2=0.1 Prediction = 6(0+(0.1)(0.33) = 6(0.033)= 1+e-0.033 Prediction = 0.508 Let's put results in table:

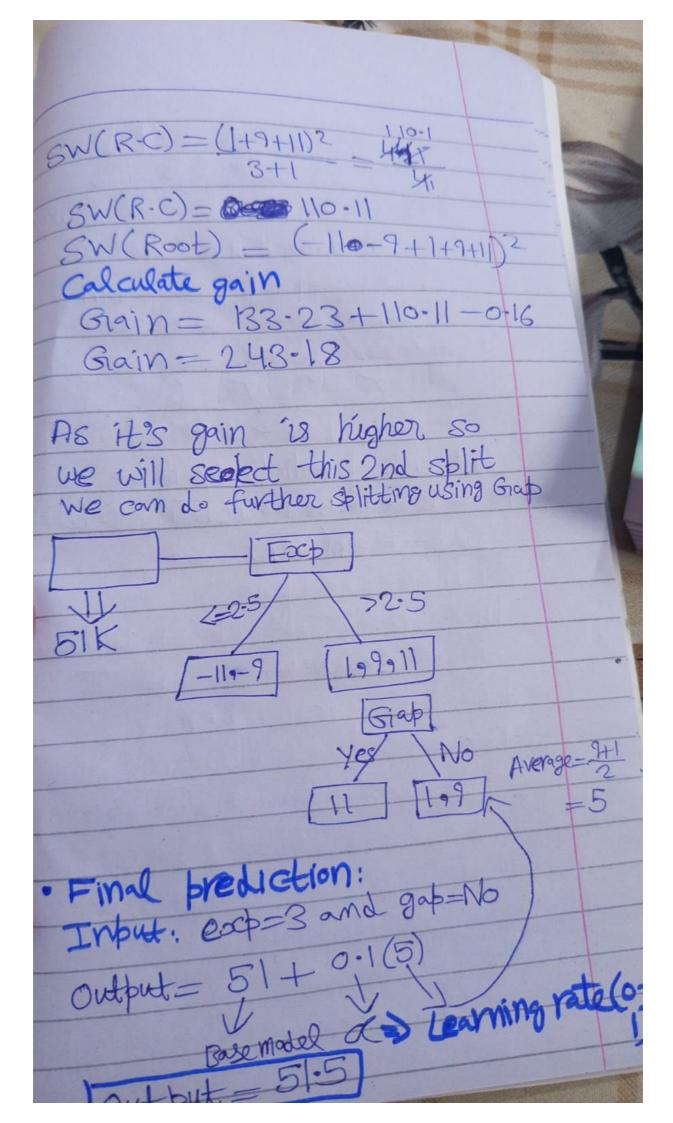


and in Similarity weight similarity weight = { (residual)? { > (residual)? } . There is always a thinking -that till one we are going to have splitting we have to define restriction according to similarity weight for -that we specify a covervalue cover value = Pr(1-pr) covervalue = 0.5(1-0.5) covervalue=0.25 Sog when similarity weight will be less than covervalue we stop splitting.









Now after predicted authors
For all we calculate R2
and make next week learner
(Decision Tree) using outfut R2. Rase model DTI And the prediction will be F = BaseModel+ & (DTI)+ & (DT)+ ···+ an(DTn)