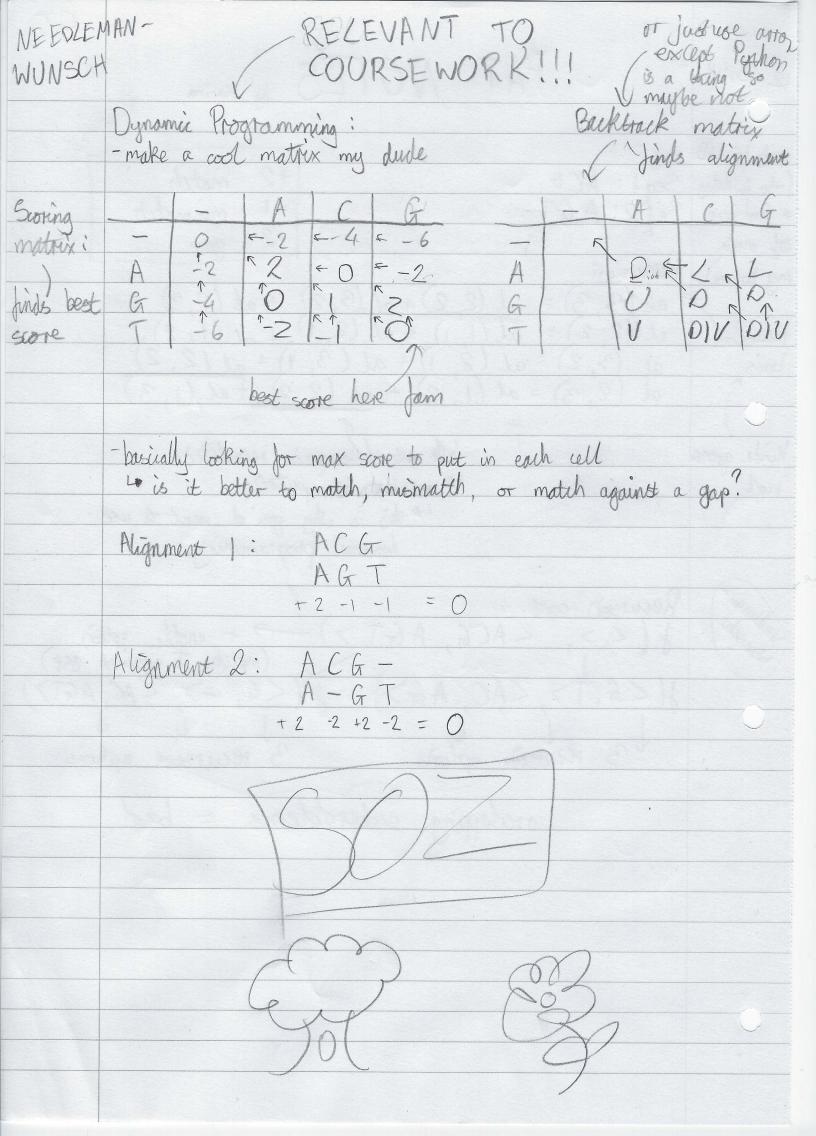
12/3/19

FAT NOTES by Karina

speedy boi ROB 6.0. Seg 1: ACG (who is dating Set 2: AGT a 2nd year. tof ouch Racursion! my bones). al (3,3) = al (2,2) + al (3,2) + al (2,3) recursion = al(1,1) + al(2,1) = al (2, 1) + al (3, 1) + al (2, = al (1, 2) + al (2, 2) + al (1, bois. Kinds gross look at this grein repetition LD wasted computation Lo this is why you'd want to use dynamic programming , CACG, AGT>) -> + another option (match Tagainst gap) 3 recursive options 3 recursive options overlapping subproblems =



- 11 do man allan	Ends-free scoring: - need to change algorithm so gaps at beginning $+$ end of sequences are free $S(m,j) = \max_{j=1}^{\infty} C(m,j) + s(m-1,j-1), s(m,j-1) = s(m-1,j) - 2 \cdot 3 \cdot 3 \cdot (i,n) = \max_{j=1}^{\infty} C(i,n) + s(i-1,n-1), s(i,n-1)-2, (s(i-1,n)) \cdot 3$
dab	