Mestin / YASH PATEL ht = banh (Wnxt + Whnht-1+bh) GAURAV MANESHW Et = Softmax (Whaht + bz) We of represent mireular before softmax Ut = Whitht +bz Zt = Softmax (Dt) Now Now E = concerns enhofy = Eyr blog & E JOE = - Eyk d W9 fk = - Eyk I d 2k/ dot Now softmaxdy (3)) = - y° (1-2i) - E 1/2 L (-2k. 2i) 10t

Question 2/ * The ranh function whileh has been used as an actuvation función has differentión voltre between (0,1) Thus as we more forward wit inne gradient accumulant beums lower and bower. for en JE/ JWHH has ht and (1-h2+. h=1) tems and his $\partial E/\partial WMH$ has very small value and me update would be very small. This has posterna un hebroort unable to reasonne function and a could publim of vanishing gradients.