Steady State occurss
X+11 = 5X+ ressentially Q.3a: the when X mx tc what we find 25-mx = C x(1-m)=012042169 XC Cannot exist I-1 is indefined so cannot exist 6.30 he will calculate the taylor series expansion to the first derivative to essentially linearize the finction P(y) = f(x0) + f(x0) (x-x0) x0= xt $P(x) = f(x^*) + f'(x^*) = f'(x^*)$ we are left with f'(xt) = m f(xt) - f(xt) xt=(we know from L that If m < l it will locally converge so if $f'(x^{t}) < 1$ it will be none locally stable