Augrees A.A. 447-245 12 Mar 2020 4)  $\lim_{x \to 0} \frac{1}{x^2} = \lim_{x \to 0} \frac{1}{x^2} = \lim_{x \to 0} \frac{\cos y}{\cos y} = 0$   $\lim_{x \to 0} \frac{1}{x^2} = \lim_{x \to 0} \frac{\cos y}{\cos y} = 0$   $\lim_{x \to 0} \frac{1}{x^2} = \lim_{x \to 0} \frac{1}{x^2} = 0$   $\lim_{x \to 0} \frac{1}{x^2} = \lim_{x \to 0} \frac{1}{x^2} = 0$ 2)  $\lim_{x \to \infty} \left[ \frac{1}{x^2 + y^2 + 6} + x^2 + y^2 \right] = \frac{1}{x^2 + y^2 + 6} + \frac{1}{x^2 + y^2} = \frac{1}{x^$ = lin 1 1/22 + 5/4 + 1  $\frac{2}{1+\frac{2}{4}} = \frac{3}{2}$   $\frac{3}{1+\frac{2}{4}} = \frac{3}{2}$  9) lin 19 1-0 1-71+xy y-0 1-71+kx2 y-0 1-3/1+kx2  $y \to 0$   $y \to$ x =0 2 ( 11)x