pring 6 Dem CV  $D(x^s) = 5x$   $f(x) = \frac{1}{4}x^2 \qquad f'(x) = \frac{1}{2}x$  $\lim_{x \to 7} \frac{(x-7)^2 + 5(x-7) - (x-7)((x-7) + 5)}{(x-7)(x-7)}$  $\lim_{X \to Z} \frac{(x-x)+s}{(x-y)} = \frac{G+s}{z-y} = \frac{5}{3/2}$ 1-(2) = 3.12/ =6 linh(x) = 2 = 4 ille hart i to x=2, si fin on pilet x=2 overfor av rederfor

(lin cy lin x 92. lin f(x) = \( -\frac{1}{-\frac{1}{2}} \) = \( \sqrt{1} = \lambda \) linfle) = (-1+1) +1 = (+1 = 1 DE 77-14

