e)
$$y = \begin{cases} x = 1 \\ 0 \end{cases}$$

$$x = 0$$

$$x = 1$$

$$x = -1$$

2)
$$x'[n] = x[n+h] = y[n] = \begin{cases} x[n+h] & n \ge 1 \\ 0 & n = 0 \end{cases}$$
 $x[n+1+h] & n \le 1$

$$y[n+h] = \begin{cases} x[n+h] & n+h \ge 1 \\ 0 & n+h = 0 \end{cases} \implies x[n] \implies x[n] \implies x[n+h] \qquad x[n+h+1] \qquad x+h \le 1$$

- 4) y Eno I may depend on x at note to > no => That consol
- 5) [x[n]| < B 1x[n]| < [x[n]| < B => [stable]