

Add One

$$x(n) \rightarrow \boxed{A} \rightarrow y(n) = x(n) + 1$$

$$\begin{array}{l} 0 \ 1 \ 3 \ -1 \rightarrow \boxed{A} \rightarrow y(n) = 1 \ 2 \ 4 \ 0 \\ \swarrow \text{2x} \quad \searrow \text{2x} \\ 0 \ 2 \ 6 \ -2 \rightarrow \boxed{A} \rightarrow 1 \ 3 \ 7 \ -1 \end{array}$$

NOT LTI