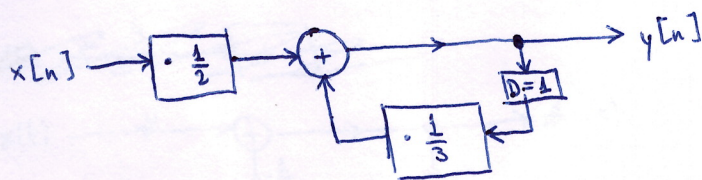2.38. Draw block diagram representations for causal LTI systems described by the following difference equations:

a) $y[n] = \frac{1}{3} y[n-1] + \frac{1}{2} x[n]$

b) $y[n] = \frac{1}{3} y[n-1] + x[n-1]$