By using 3 individuals negative -edge JK flip -flops . Design a synchronous counter with the counting sequence 2,3,4,5 then return back to 2 .

Equations:

$$J_0 = K_0 = 1$$

$$\mathsf{J}_1 = \mathsf{K}_1 = \mathsf{Q}_0$$

$$J_2 = K_2 = Q_0$$



