

**UNIVERSITY OF TEHRAN**

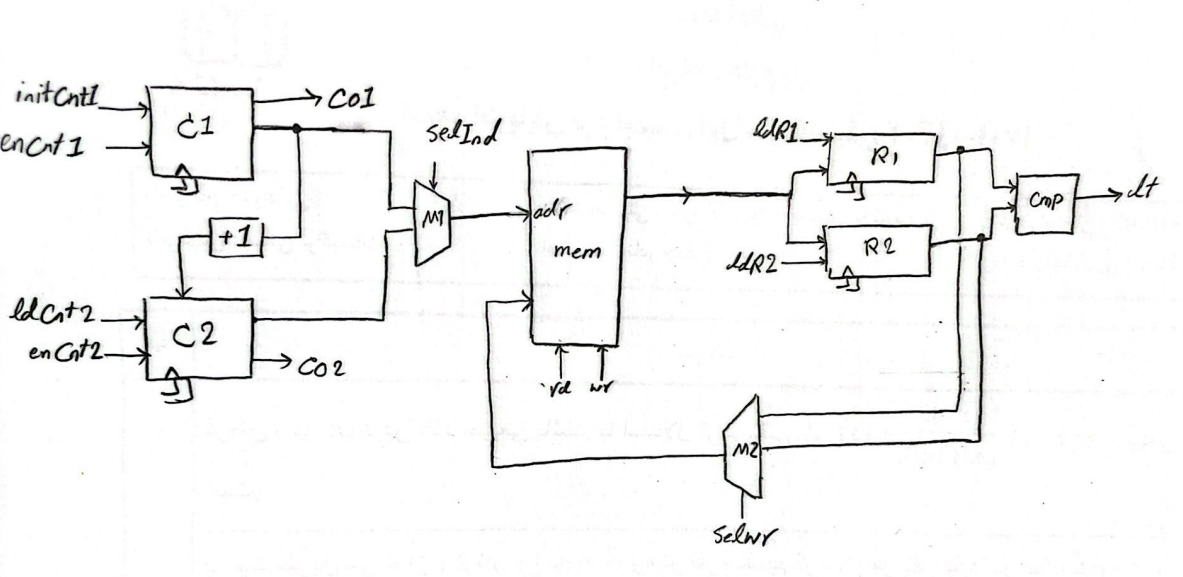
**Digital Systems 2**

**Computer Assignment 1**

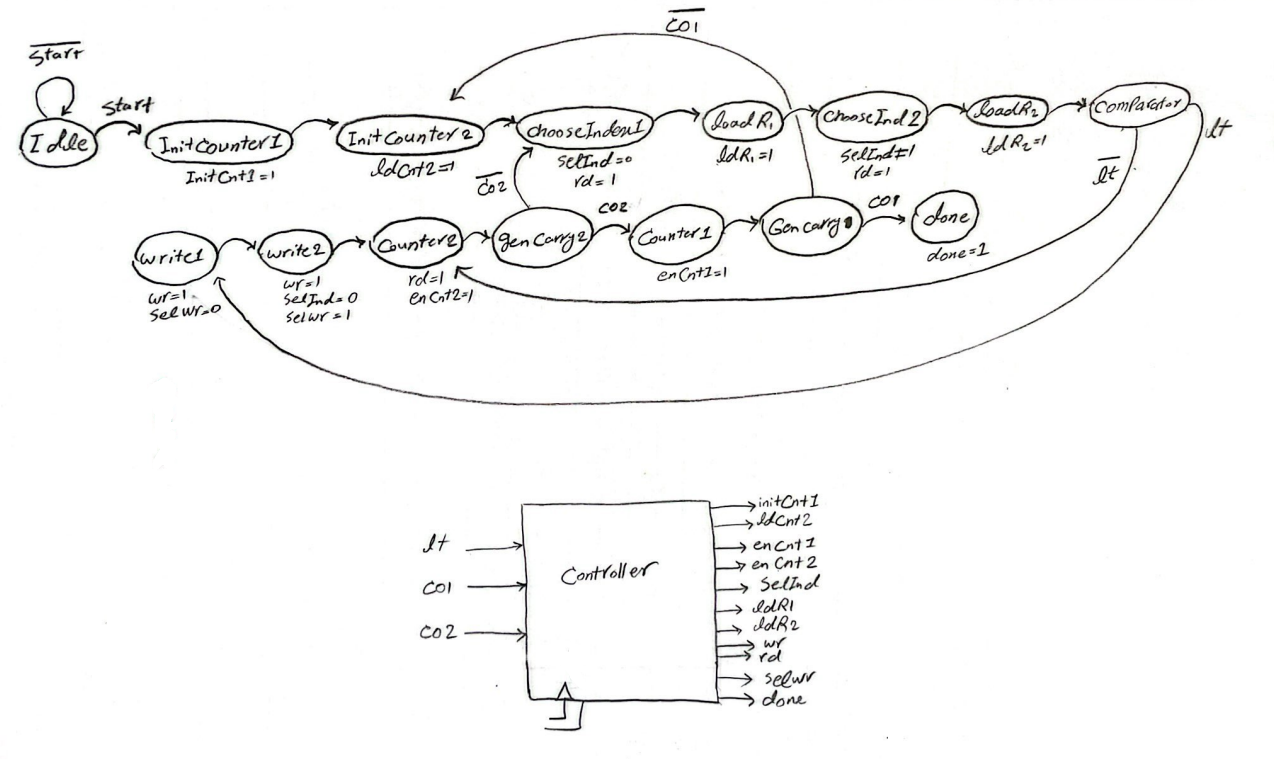
**Amirhesam Jafari Rad 810100247**

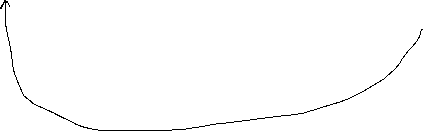
**Mana Mohammadi 810100207**

**DataPath:**



**Controller:**





**WaveForm:**

