UNIVERSITY OF TEHRAN
Digital Systems 2
Computer Assignment 1

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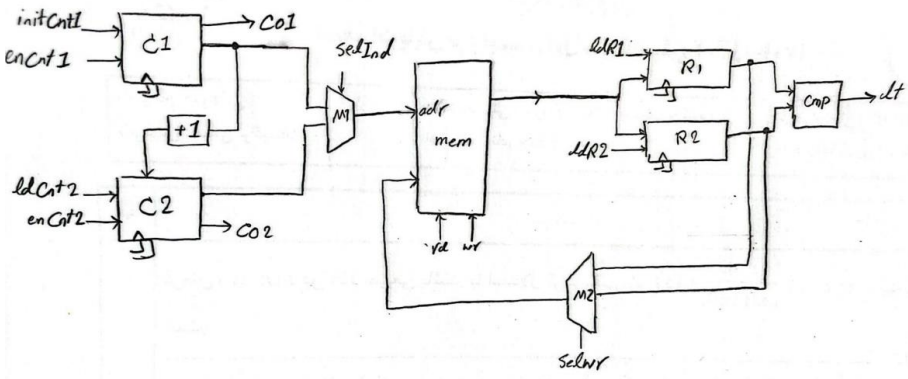
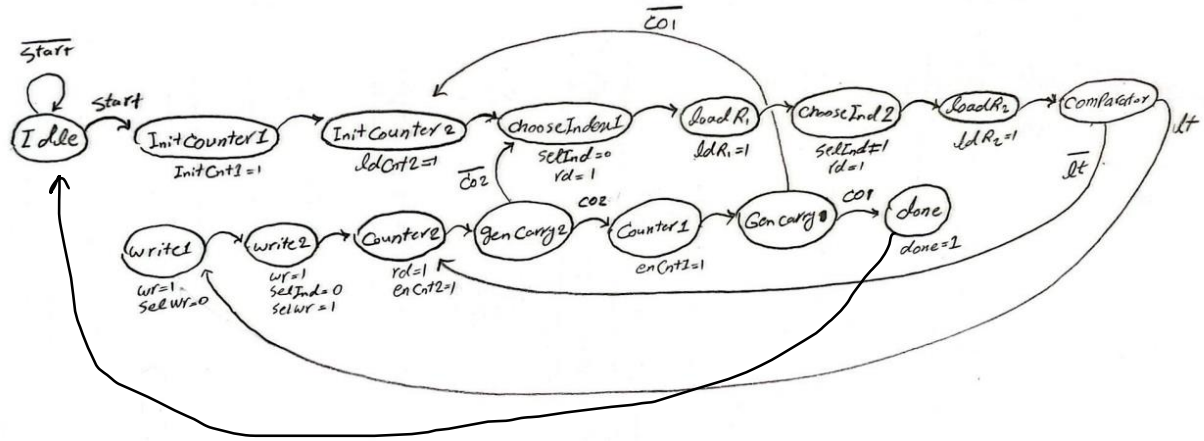
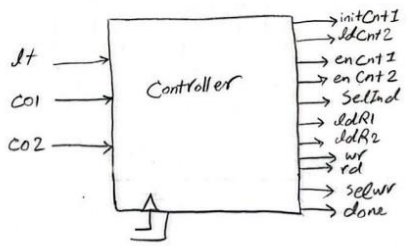
DataPath:

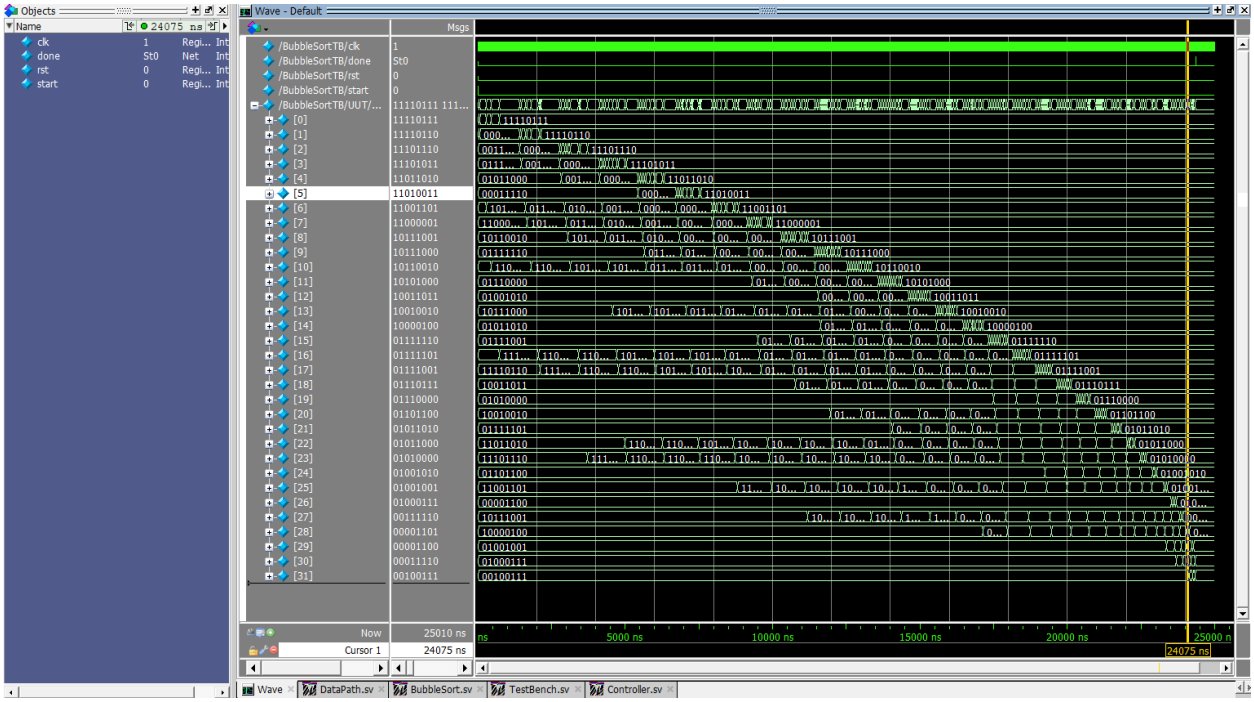


Controller:





WaveForm:



mem_data.txt

File Edit View

```
// memory data file (do not edit the following line - required for mem load use)
// instance=/BubbleSortTB/UUT/mem/memData
// format=bin addressradix=h dataradix=b version=1.0 wordsperline=1 noaddress
11110111
11110110
11101110
11101011
11011010
11010011
11001101
11000001
10111001
10111000
10110010
10101000
10011011
10010010
10000100
01111110
01111101
01111001
01110111
01110000
01101100
01011010
01011000
01010000
01001010
01001001
01000111
00111110
00100111
00011110
00001101
00001100
```