Talal Jawaid

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**CSC 137** 

Project #2

```
Sequence to be detected: 1010

Input given: 0101010110110101111100010101

0 CLK: 0 Y: X RST: 0 Digit: 0
5 CLK: 1 Y: 0 RST: 0 Digit: 1
10 CLK: 0 Y: 0 RST: 0 Digit: 1
20 CLK: 0 Y: 0 RST: 0 Digit: 0
25 CLK: 1 Y: 0 RST: 0 Digit: 1
30 CLK: 0 Y: 0 RST: 0 Digit: 1
30 CLK: 0 Y: 0 RST: 0 Digit: 1
40 CLK: 0 Y: 0 RST: 0 Digit: 1
40 CLK: 0 Y: 0 RST: 0 Digit: 1
40 CLK: 0 Y: 0 RST: 0 Digit: 1
50 CLK: 1 Y: 0 RST: 0 Digit: 1
50 CLK: 0 Y: 0 RST: 0 Digit: 1
50 CLK: 0 Y: 0 RST: 0 Digit: 1
50 CLK: 0 Y: 0 RST: 0 Digit: 1
50 CLK: 0 Y: 0 RST: 0 Digit: 1
50 CLK: 0 Y: 0 RST: 0 Digit: 1
51 CLK: 0 Y: 0 RST: 0 Digit: 1
52 CLK: 1 Y: 0 RST: 0 Digit: 1
53 CLK: 1 Y: 0 RST: 0 Digit: 1
54 CLK: 0 Y: 0 RST: 0 Digit: 1
55 CLK: 1 Y: 0 RST: 0 Digit: 1
66 CLK: 0 Y: 0 RST: 0 Digit: 1
67 CLK: 0 Y: 0 RST: 0 Digit: 1
68 CLK: 0 Y: 0 RST: 0 Digit: 1
69 CLK: 0 Y: 0 RST: 0 Digit: 1
69 CLK: 0 Y: 0 RST: 0 Digit: 1
69 CLK: 0 Y: 0 RST: 0 Digit: 1
69 CLK: 0 Y: 0 RST: 0 Digit: 1
69 CLK: 0 Y: 0 RST: 0 Digit: 1
         Sequence to be detected: 1010
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AR Read File
                                                                                                                                                                                                                       ^O WriteOut
^J Justify
```

