Assembly Async

#1

Assembly Language Code

```
        inp 01          00 INP
        sta 93          01 STA 93
        inp 01          02 INP
        sta 91          03 STA 91
        inp 01          04 INP
        add 91          05 ADD 91
        sta 92          06 STA 92
        sub 93          07 SUB 93
        out             08 OUT
        hlt             09 HLT
```
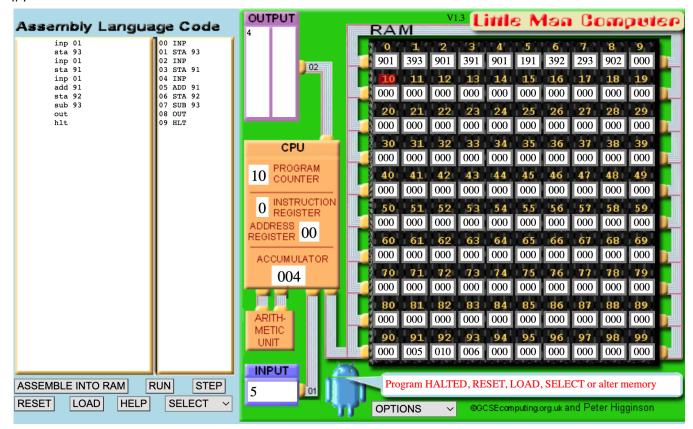
#2

Mild attempt at an if statement. Works one way but not the other…

Assembly Language Code

```
        inp 01          00 INP
        sta 91          01 STA 91
        inp 01          02 INP
        sta 92          03 STA 92
        sub 91          04 SUB 91
        brp 91          05 BRP 91
        lda 91          06 LDA 91
        out             07 OUT
        hlt             08 HLT
        lda 92          09 LDA 92
        out             10 OUT
        hlt             11 HLT
```