

## LAB 08

**210598B – Senevirathne R.J.M.**

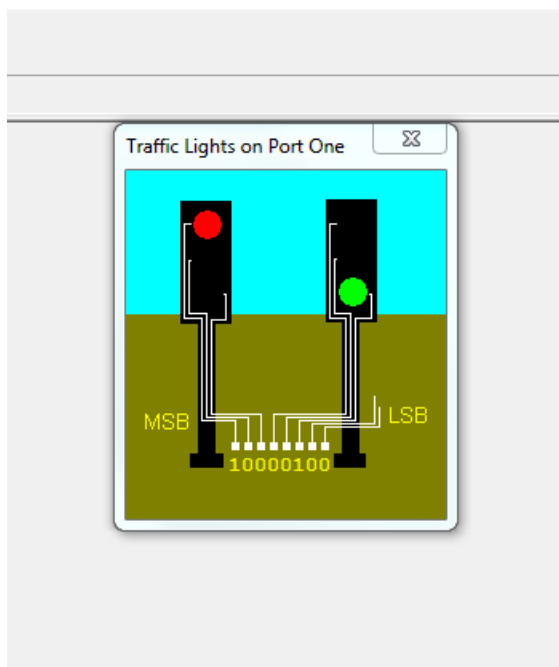
### 1) Assigned Lab Task

Create easy assembly programs. How to connect input and output devices to the CPU while using software to simulate their operation. Last but not least, create a program that multiplies 1 to 5 and outputs the results on a 7-segment display.

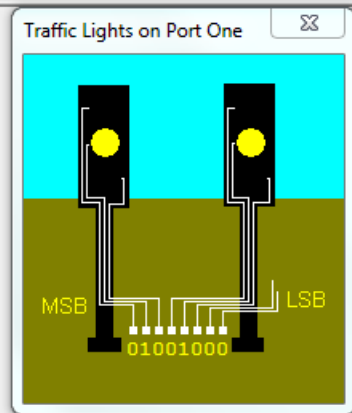
### 2) Screen Shots

#### 1) 210598B\_08 Traffic Lights

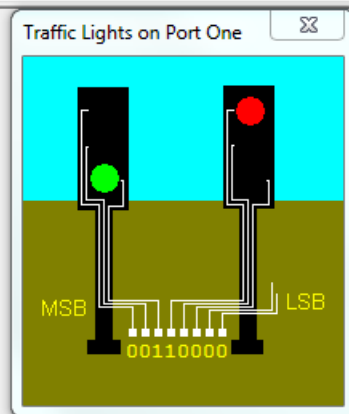
##### a) For $t$ to $t+10$



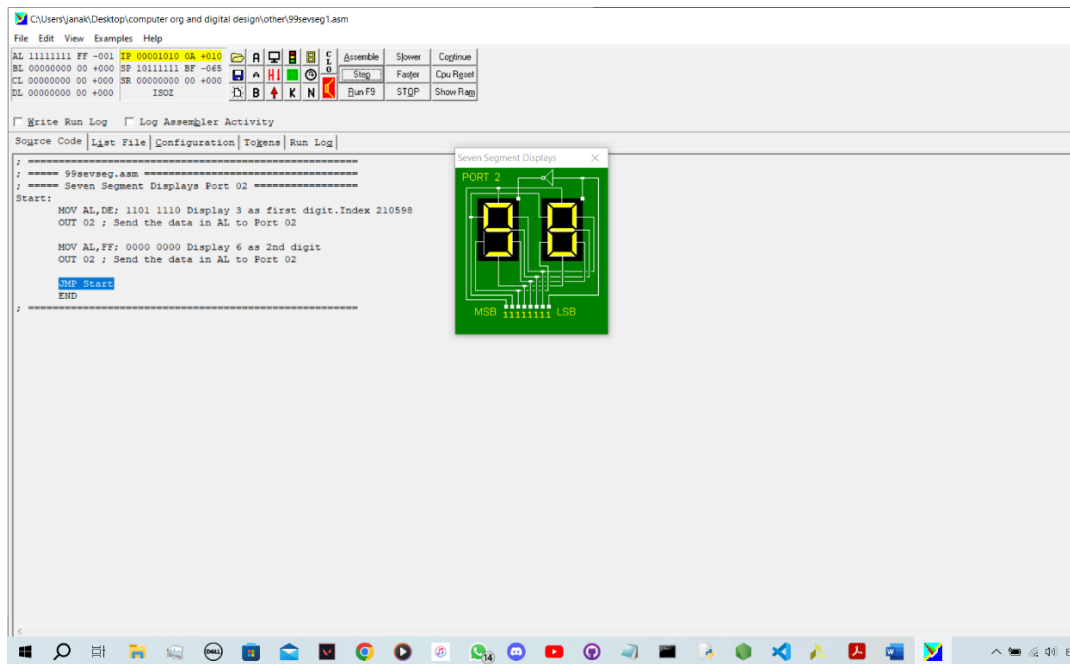
##### b) For $t+10$ to $t+11$



c) For  $t+11$  to  $t+16$



## 2)210598B\_10 Last two digit of index



### 3)210598B\_11 Display output of 1 to 5 multiplication

