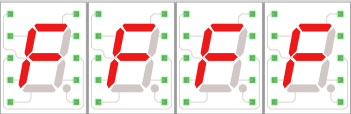
**HANDOUT #2**

Library - TM1637.py

****

There should be a space in between these quotation marks!!

|  |  |  |  |
| --- | --- | --- | --- |
| **S1** | **S2** | **S3** | **S4** |

DO THIS IN THE SHELL **>>>** AREA

|  |  |  |
| --- | --- | --- |
| import tm1637  display = tm1637.TM1637(20, 16)  **#20=CLK 16=DIO**  display.clear()  display.set\_values([' ', ' ', ' ', '7']) |  | |
| import tm1637  display = tm1637.TM1637(20, 16)  display.clear()  display.set\_values([' ', ' ', ' ', '8']) |  | |
| import tm1637  display = tm1637.TM1637(20, 16)  display.clear()  display.set\_values([' ', ' ', '8 ', '7']) |  | |
| import tm1637  display = tm1637.TM1637(20, 16)  display.clear()  S4=’8’  display.set\_values([' ', ' ', ' ', S4]) |  |
| **HANDOUT #2 (cont’d)** |  |
| import tm1637  display = tm1637.TM1637(20, 16)  display.clear()  S1=’ ‘  S2=’ ‘  S3=’8’  S4=’7’  display.set\_values([S1, S2, S3, S4]) |  |
| DO THIS IN THE EDITOR,SAVE THE CODE AND RUN THEM | |
| **countdown.py (count from 9 to 1)**  import tm1637  from time import sleep  display = tm1637.TM1637(20, 16)  S1=’ ‘  S2=’ ‘  S3=’ ‘  S4=’9’  display.clear()  display.set\_values([S1,S2,S3,S4])  sleep(1)  S4=’8’  display.set\_values([S1,S2,S3,S4])  sleep(1)  S4=’7’  display.set\_values([S1,S2,S3,S4]) | **countdown2.py (count from 9 to 0, and 0 to 9 using for loop)**  import tm1637  from time import sleep  display = tm1637.TM1637(20, 16)  input(‘Hit Enter to Count Down’)  display.clear()  S1=’ ‘  S2=’ ‘  S3=’ ‘  S4=’ ’  for count in range(9,-1,-1):  S4=str(count)  display.set\_values([S1,S2,S3,S4])  sleep(1)  input('Hit Enter to Count Up')  display.clear()  for count in range(0,10,1):  S4=str(count)  display.set\_values([S1,S2,S3,S4])  sleep(1) |