

INTRODUCING PYTHON TUPLE

Solution to Ex 2

[digitalclock_tm1637.py] * ×

```
1 import tm1637
2 from machine import Pin
3 from time import sleep, localtime
4 tm = tm1637.TM1637(clk=Pin(5), dio=Pin(4))
5 tm.show("  ")
6
7
8 while True:
9     timenow=localtime()
10
11     |
12     hr=timenow[3]
13
14     |
15     minute=timenow[4]
16
17
18     tm.numbers(hr,minute)
19
20
21     sleep(60)
22
23
```

localtime() gives us the date/time information in this format

(2023, 7, 17, 10, 22, 24, 0, 198)

Here we are giving this info a name called **timenow**

timenow becomes a snap shot of this time

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We have space on the 7 segment display for hh and mm only, so we need only to refresh the display every minute (60 seconds)