UNDERSTANDING FOR LOOP

SOLUTIONS TO EX 1

```
counter.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
 6  tm.show("    ")          ⟵  Clear display
 7
 8  for x in range(1,11,1):
 9      tm.number(x)         ⟵  Python for loop for counting 1 to 10 in increment of 1.
10      sleep(1)                It must end with 10 + increment.  In this case it is 10+1 = 11
11
12  sleep(5)
13
14  for x in range(10,0,-1):
15      tm.number(x)         ⟵  Python for loop for counting 10 to 1 in decrement of 1 (i.e. -1).
16      sleep(1)                It must end with 1 - decrement.  In this case it is 1-1 = 0
17
18  sleep(5)
19  tm.show("    ")
20
```