```
shared_x = random.randint(10,99)
5
  def sleeping(name):
      global shared x
7
      s = randint(1,20)
8
      sleep(s)
9
      shared x = shared x + 1
10
11
  def sleeper(name):
12
      sleeplist = list()
13
      for i in range(3):
14
         subsleeper = Thread(target=sleeping, args=(name+' '+str(i),))
15
         sleeplist.append(subsleeper)
16
17
      for s in sleeplist: s.start()
18
      for s in sleeplist: s.join()
19
                                       (a)
eve sees shared x being 71
53:21 eve 0 is going to sleep for 20 seconds
bob sees shared x being 84
53:21 eve 1 is going to sleep for 15 seconds
53:21 eve 2 is going to sleep for 3 seconds
53:21 bob 0 is going to sleep for 8 seconds
53:21 bob 1 is going to sleep for 16 seconds
53:21 bob 2 is going to sleep for 8 seconds
53:24 eve 2 has woken up, seeing shared x being 72
53:29 bob 0 has woken up, seeing shared x being 85
53:29 bob 2 has woken up, seeing shared x being 86
53:36 eve 1 has woken up, seeing shared x being 73
53:37 bob 1 has woken up, seeing shared x being 87
bob sees shared x being 87
53:41 eve 0 has woken up, seeing shared x being 74
eve sees shared x being 74
                                       (b)
```

from multiprocessing import Process
from threading import Thread

3