```
def user(cond, dic, key):
                                                         07:23:52,075 (u1) Starting user thread
                                                         07:23:52,076 (u2) Starting user thread
  logging.debug('Starting user thread')
  with cond:
                                                         07:23:52,076 (u1) KEY UNAVAILABLE: 'hello' not
    while not key in dic:
                                                         available! Waiting...
       logging.debug("KEY UNAVAILABLE: \" + key
                                                         07:23:52,076 (u2) KEY UNAVAILABLE: 'hello' not
+ "\' not available! Waiting...")
                                                         available! Waiting...
       cond.wait()
                                                         07:23:52,076 (u3) Starting user thread
     logging.debug("KEY AVAILABLE: " + key + ' == '
                                                         07:23:52,076 (u3) KEY UNAVAILABLE: 'world' not
                                                         available! Waiting...
+ dic[key])
                                                         07:23:52,076 (e1) Starting editor thread
                                                         07:23:52,076 (e1) EDIT A KEY: hello = world
def editor(cond, dic, key, val):
                                                         07:23:52,077 (u1) KEY AVAILABLE: hello == world
  logging.debug('Starting editor thread')
  with cond:
                                                         07:23:52,077 (u3) KEY UNAVAILABLE: 'world' not
     logging.debug('EDIT A KEY: ' + key + ' = ' + val)
                                                         available! Waiting...
                                                         07:23:52,077 (e2) Starting editor thread
    dic[key] = val
    cond.notifyAll()
                                                         07:23:52,077 (u2) KEY AVAILABLE: hello == world
                                                         07:23:52,077 (e2) EDIT A KEY: world = hello
def main():
  condition = threading.Condition(); dic = {}
                                                         07:23:52,077 (u3) KEY AVAILABLE: world == hello
  u1 = threading.Thread(name='u1', target=user,
args=(condition,dic,'hello'));
  ..... u2 with 'hello', u3 with 'world', e1 with hello =
world, and e2 with world = hello
```