1. What I learned from the quiz
2. OO programming and assignment 4

What I learned from the quiz

Basic sequential computation: Good
Loops: *hmmm*
Variable scopes and functions: Good

About ½ had trouble with the loop in question 2
We need to review and work more on designing and understanding loops.

Probably more Wednesday and Friday

Project 4: Agenda

A schedule of appointments for one day
Classes:
  - Time has hours, minutes
  - Appointment has begin, end, title
  - Agenda has a list of appointments

We’ll draw this

As shorthand for this
class Appt:

"""An appointment has a start time, a duration, and a title""

def __init__(self, start, duration, title):
    self.start = start
    self.duration = duration
    self.title = title

def end_time(self):
    """The end time of an appointment""
    return self.start.plus(self.duration)

def conflicts_with(self, other):
    """Is there any overlap between these two appointments?""
    return False

@classmethod
def from_int_time(cls, cls, hhmm, duration, title):
    return Appt(Time_Of_Day.from_int(hhmm), duration, title)
def smoke_test():
    t = Time_Of_Day(18, 30)
    print "18:30 => ", t.to_string()
    ...
    test_validate_time(-1800, False)
    test_validate_time(1360, False)
    ...
    # Object equality?
    t1 = Time_Of_Day(18,30)
    t2 = Time_Of_Day(18,30)
    t3 = Time_Of_Day(19,45)
    if t1 == t2:
        print "Passed: Time comparisons using __cmp__ method"
    else:
        print "***FAIL: __cmp__ is not providing the right == comparison"
    ...
    test_add(2330, 45, 15)
    test_add(800, 120, 1000)
    ...
    test_min(2329, 2328, 2328)
    test_min(2329, 2330, 2329)
    ...
    test_conflict(800, 120, 900, 30, True)
    test_conflict(1030, 30, 1000, 30, False)

Lots of test cases provided. These can help you check your work as you go.

Learn to do this as you develop code.