lecturer1 = 'John Guttag'
lecturer2 = 'Ana Bell'
print len(lecturer2)
lecturers = lecturer1 + ' and ' + lecturer2
print lecturers
index = lecturers.find('Ana')
print index
print lecturers[index]
print lecturers[0:index]

x = 100
divisors = ()
for i in range(1, x):
    if x % i == 0:
        divisors = divisors + (i,)
print divisors
print divisors[0]
print divisors[1]

engineers = ['aero', 'biological', 6]
scientists = ['biology', 'chemistry', 'physics']
print engineers
print scientists

sumDigits = 0
for c in str(2014):
    sumDigits += int(c)
print sumDigits

sumDigits = 0
for c in str(2014):
    sumDigits += int(c)
print sumDigits
nerds = [engineers]
print nerds
nerds.append(scientists)
for l in nerds:
    print l
for l in nerds:
    for n in l:
        print n

newNerds = [['aero', 'biological', 6], ['biology', 'chemistry', 'physics']]
print newNerds
print nerds == newNerds

scientists.remove('chemistry')
engineers[engineers.index('biological')] = 20
print nerds == newNerds
print nerds
print newNerds
flatList = engineers + scientists
print flatList
flatList.sort()
print flatList

L1 = [2, 3]
L2 = L1
L3 = L1[:]
L2[0] = 'a'
print 'L1 =', L1
print 'L2 =', L2
L1.append(L2)
print 'L1 =', L1
print 'L3 =', L3