# coding=utf-8  
# 1. Create a new script called Script7Lab.py.  
# 2. Import datetime and time modules  
# 3. Print today’s date  
import datetime  
today = datetime.date.today()  
t = datetime.time(1,2,3)  
print 't :', t  
  
print "Today's Date ", today  
  
# 4. Subtract 3 weeks / 2 days / 3 hours from todays date  
today = datetime.date.today()  
threeWK = datetime.timedelta(weeks=3)  
twoDAYS = datetime.timedelta(days=2)  
threeHOURS = datetime.timedelta(hours=3)  
  
print today - threeWK  
print today - twoDAYS  
print today - threeHOURS  
  
# 5. Extract each from today’s date  
# a. Year = %YY  
# b. Month = %MM  
# c. Day = %DD  
# d. Hour = %HH  
# e. Minute = %MM  
# f. Seconds = %SS  
# 6. Then format the date (YY,MM,DD HH,MM,SS)  
from datetime import datetime  
now = datetime.now()  
  
print '%s %s %s %s %s %s' %(now.year, now.month, now.day, now.hour, now.minute, now.second)

