#1. Create a new script called Script9Lab.py.  
#2. Create a new folder in your working directory called Script9LabAssignment  
import os  
print os.getcwd()  
  
#os.mkdir('Script9LabAssignment')  
  
  
#3. Create the following text file using Python  
# This is my assignment for Lab 9  
# I know that it is easy to create text files in Python  
# I just need to relax and follow the yellow brick road  
  
filePath = open('C:/Users/student/External Scripts/Writing Txt.txt','w')  
filePath.write('This is my assignment for Lab 9 \n'  
 'I know that it is easy to create text files in Python \n'  
 'I just need to relax and follow the yellow brick road')  
filePath.close()  
  
# 4. Create the following Excel Spreadsheet using Python.  
  
from xlwt import Workbook,Formula,easyxf  
wb = Workbook()  
  
  
sheet1 = wb.add\_sheet('Sheet 1')  
style1 = easyxf('pattern: pattern solid, fore\_colour yellow;')  
sheet1.write(0, 0, 'Column 1')  
sheet1.write(0, 1, 'Column 2')  
sheet1.write(0, 2, 'Column 3')  
  
sheet1.col(0).width = 7000  
  
for i in xrange(10):  
 sheet1.write(i+1,0,i+1)  
 sheet1.write(i+1, 1, 100 + (i\*10))  
 sheet1.write(i+1, 2, 1500 \* (i+1))  
  
sheet1.write(11, 0, Formula('SUM(A1:A11)'),style1)  
sheet1.write(11, 1, Formula('Sum(B1:B11)'),style1)  
sheet1.write(11, 2, Formula('SUM(C1:C11)'),style1)  
  
wb.save('xlwt3 example.xls')

