

CPSC 1301, Computer Science I Lab Assignment

Lab 02a

1 At the Python prompt

Run the following commands in your Python interpreter. Submit a transcript of your session as your deliverable for this lab. This should be a plain text file named `lab02a_lastname.txt`.

```
>>> print('Hello world!')
>>> print(2 ** 8)
>>> lumberjack = 'okay'
>>> lumberjack
>>> 2 ** 8
>>> 'Spam!' * 8 # Learning by trying
>>> X # Making mistakes
>>> import os
>>> os.getcwd() # Testing on the fly
>>> for x in 'spam':
...     print(x) # Press Enter twice here to make this loop run
...
>>> for x in 'spam':
...     print(x) # Press Enter twice before a new statement
...     print('done')
```

see below for script

```
>>> import lab02a01

>>> import lab02a02
>>> lab02a02.a
>>> lab02a02.b
>>> lab02a02.c

>>> from lab02a02 import a, b, c
>>> a
>>> b
>>> c
>>> dir(lab02a02)
>>> lab02a02.__name__
```

2 Running Python scripts

Create scripts in files and run them. Run these scripts in your Python prompt.

```
# Name: lab02a01.py
# A first Python script
import sys          # Load a library module
print(sys.platform)
```

```
print(2 ** 100)      # Raise 2 to a power
x = 'Spam!'
print(x * 8)         # String repetition

# Name: lab02a02.py
a = 'dead'           # Define three attributes
b = 'parrot'         # Exported to other files
c = 'sketch'
print(a, b, c)       # Also used in this file (in 2.X: print a, b, c)
```