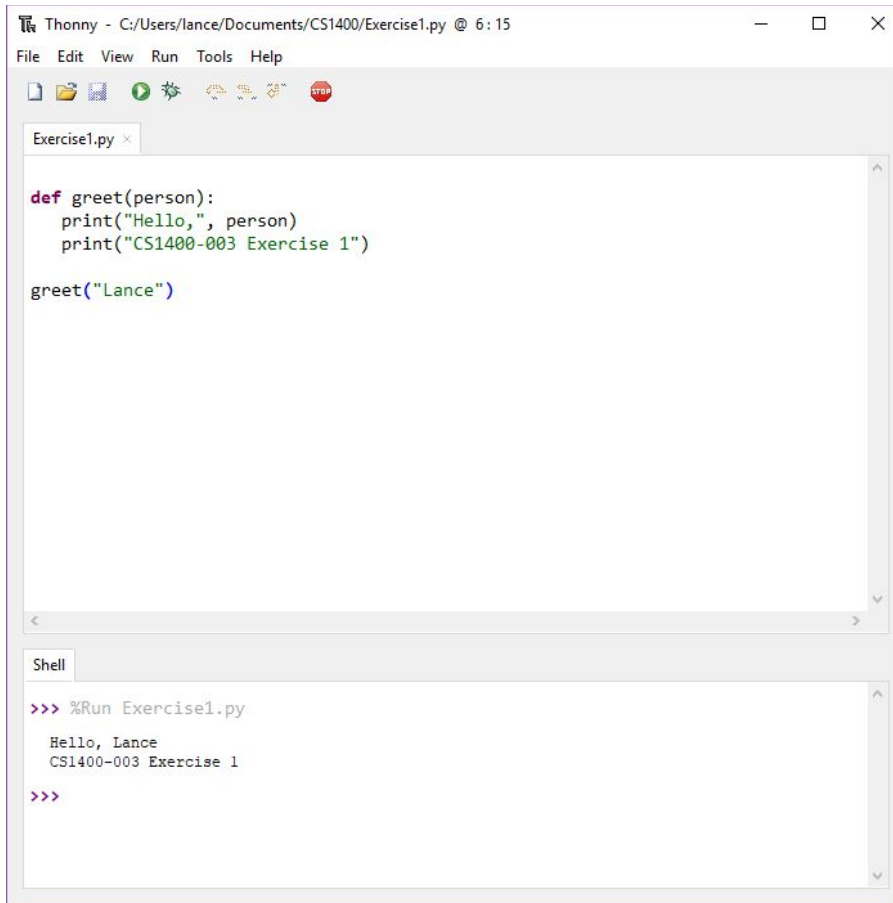


1.



The screenshot shows the Thonny Python IDE interface. The title bar reads "Thonny - C:/Users/lance/Documents/CS1400/Exercise1.py @ 6:15". The menu bar includes "File", "Edit", "View", "Run", "Tools", and "Help". Below the menu is a toolbar with icons for opening files, saving, running, and stopping. The main editor window, titled "Exercise1.py", contains the following Python code:

```
def greet(person):  
    print("Hello,", person)  
    print("CS1400-003 Exercise 1")  
  
greet("Lance")
```

Below the editor is a "Shell" window showing the execution output:

```
>>> %Run Exercise1.py  
  
Hello, Lance  
CS1400-003 Exercise 1  
  
>>>
```

2.

a) `print("Hello, world!")`

Hello, world!

b) `print("Hello", "world!")`

Hello world!

c) `print(3)`

3

d) `print(3.0)`

3.0

e) `print(2 + 3)`

5

f) `print(2.0 + 3.0)`

5.0

g) `print("2" + "3")`

23

h) `print("2 + 3 =", 2 + 3)`

2 + 3 = 5

i) `print(2 * 3)`

6

j) `print(2 ** 3)`

8

k) `print(7 / 3)`

2.3333333333333335

l) `print(7 // 3)`

2

3.

Intractable: not easily governed, managed, or directed

Algorithm: a step-by-step procedure for solving a problem or accomplishing some end

Compiler: a computer program that translates an entire set of instructions into machine language before the instructions can be executed

Interpreter: a computer program that executes each of a set of high-level instructions before going to the next instruction

High-level language: a computer programming language which is similar to a natural language and in which each statement is translated by a compiler usually into several machine language instructions