Colin Morgan

Chapter 1 exercises

1. C: The function of secondary memory is to store data and information without power source.
2. A program is a dynamic of thinking, or algorithmic computation.
3. A compiler immediately translated a high level to low level programming language, to execute later, and an interpreter translates one line at a time while executing.
4. C: The Python source file contains machine code.
5. “primt” ought to be “print”, as in:

print(‘Hello world’)

File “<stdin>”, line 1

print (‘Hello world’)

1. B: the x in x=123, is a variable stored in a .py file in the main memory.
2. D: x=x+1 cannot be solved because it is a mathematical error.
3. Central processing unit is likened to the human heart. If this is so then, the main memory is like central nervous system. Secondary memory is like use of computers. Input is like stimuli. Output is like action/reaction.
4. Adjusting lines and characters to Python grammar can fix syntax errors.