Brandon Hurler Assembly HW 1 8/20/2014

3. It is defined as a one-to-many relationship because a single statement in the high level language expands into multiple assembly language or machine instructions.

4. A language whose source programs can be compiled and run on a wide variety of computer systems is considered portable. The program needs to run on nearly any computer system without having to rely on special tools to the job done.

5. No, each is relatively unique to the hardware for which it was designed.

7. A device driver is a program that translates the operating system instructions into a form that the hardware can utilize to respond to or use to process data.

11. Large programs coded completely in assembly would take too much time to write and maintain; this is due to the amount of time it would take to effectively code, as well as the legibility and upkeep required to maintain that codebase.