**Exercise One**

1. CPU contains the ALU, which is capable of doing addition, subtraction, multiplication, division, modulus, test logical operations, and shift operations such as moving binary digits back and forth. Another part in which the CPU contains is the Control Unit (CU); essentially what it does is it translates a programming language in to something the machine can understand (0’s and 1’s), and then it performs the function that it was tasked to do.
2. I have a Windows 7 OS 64 bit with a third generation Intel core i7 processor at 2,400,000,000 Hertz (or 2.4 GHz), it has 1TB of memory in the hard drive, and 12 GB RAM.
3. The motherboard is a circuit board which stores essential hardware parts needed for the computer to run properly, such parts include: RAM, CPU, and GPU, etc. A computer contains parts which aren’t on the motherboard such as: Power Supply, and CD Drive.