Assignment - 7

1.What do you mean by open-source hardware?

Open-source hardware means all parts and firmware are open to be used and built on by everyone else free of cost. This also usually means it is exposed to a wider range of eyes, thereby making the product bug-free.

2. Are shields still going to work?

Shields will work since they provide the functionalities of a module conveniently without extra pins. It helps expand the capabilities of the board.

3. Can I use an arduino board without Arduino software?

Yes, however we will need to code it without Arduino syntax from scratch as if we were building our custom board.

4. Can I use Alternative Serial monitor with an Arduino?

Yes. There are open-source alternatives to the Arduino IDE as serial monitors. The most commonly known one is PuTTY.

5. What are different types of file extension for?

.pde and .ino are Arduino sketch file extensions. The former being the extension for older Arduino IDE.

The other extensions used are .c, .cpp and .h extensions.

.c is a file used to write C programming source code.

.cpp is used to write C++ programming source code.

.h is used to write header files. This is usually where variables or function definitions are maintained.