Assignment - 8

1. Can I build a commercial product based on Arduino?

Yes. But if we are deriving the design of the product from the eagles files for an Arduino board, the modified files need to be shared as per the CC BY-SA 2.5 license.

2. Is there any other IDE for Arduino?

Yes, there are many IDEs for the Arduino. PlatformIO is a popular alternative to the Arduino IDE.

3. Which is the official Arduino Board?

There are many official Arduino Boards. The most popular one is Arduino Uno. Some others that are used frequently are Arduino Nano and Arduino Mega.

4. Who is using Arduino Boards?

From hobbyists to industry professionals, Arduino is used across the board (pun intended) to prototype ideas.

5. I want to design my own board. What should I do?

The following steps need to be taken when designing a board.

1. Read the datasheets of all components to ensure compatibility with each other.
2. Draw an appropriate circuit on paper and put the idea down.
3. Try the idea out using a circuit simulator.
4. Use a development board like the Arduino to prototype this idea.
5. Apply this on a perf board in a smaller form factor.
6. If all goes well, these components may then be used to print a custom board.