Assignment -2

1. What is Arduino?
2. Arduino is an open source electronics platform with integrated hardware and software which makes it easier for the users to build electronics using the Arduino board.
3. What does IDE stand for ?
4. IDE is Integrated Development Environment used to write software to build applications.
5. I Want To Design My Own Board, What Should I Do?
6. Connect the Arduino uno board to the computer. Write the code in the Arduino IDE and upload it to the Arduino. IF there are more components to be connected to the Board for our circuit we can use breadboard for the connections.
7. Is it possible to program Microcontroller directly?
8. Yes, we can program a microcontroller directly using an IDE.
9. How Can I Change The Usb Firmware?
10. Enable the USB firmware upgrade function by CLI command.

Save the firmware on USB

Plug the USB into the device

The device checks the running partition for the model ID and the firmware version

Upgrade the firmware to the standby partition and then the device reboots