ReadMe
Additional Material

This document will aid you in implementing your theme on Atmel Studio IDE and also few sample "Embedded C" codes to get you started with your implementation. Please find the following files along with this *"ReadMe"* file.

- Digital Out (Useful for interfacing buzzer)
  - Dout.c
- Digital In (Useful for interfacing Sensors)
  - Din.c
- PWM (Useful for motor speed control)
  - pWm.c
- ADC (Useful for converting sensor values to digital)
  - aDc.c
- UART (Useful for XBee communication)
  - uart_.c
  - uart.c
  - uart.h
- ATmega328P Datasheet (All you need to know about the controller on Arduino Uno)
- Masking

Each of the **.c** files has a Aim at the starting in comment sections, please understand the aim before understanding the code.

Here is a youtube link for Atmel and Embedded C tutorials