Lab 2: I^{2}C

Part I: Implementing I^{2}C master

You are required to implement a simple version of the I^{2}C protocol for both Slave and Master. You will use the skeleton in files "**XantoI2C.h**" and "**XantoI2C.cpp**". Write the body of these functions:

- void **start**();
- void **stop**();
- void **writeByte**(uint8_t data_byte);

Part II: Testing our implementation

You are required to connect one master with one slave in arduino C to test the implementation you made in Part I. The required scenario is as follows:

" master wants to send these sequence of bytes: **0x09 0xFE 0x23** to slave"

Assume that slave **address** is **120**. Follow the I^{2}C procedure to send these bytes.