To write the data in LCD display, we use the LCD in mbed expansion board. First, we initialize SPI to send data to LCD. The data 0x49, which is the ASCII value of the letter ‘I’ is loaded into the local framebuffer using memset(). Then it is loaded into the LCD framebuffer using the lcd\_push\_buffer(). Now the LCD displays a continuous flow of the letter ‘I’ without refreshing.

Block Diagram

Flowchart

Function description (Refer code)