REFERENCE FOR CODE-<https://community.arm.com/developer/tools-software/tools/f/keil-forum/20640/continuous-data-write-in-serial-eeprom-using-i2c>

AUTHOR-GOWRI SHANKAR

IMPLEMENTED PORTIONS OF THE CODE AND CORRECTED IT BY STUDYING THE I2C PROTOCOL COMMUNIACTION SIGNALS FOR THE REQUIRED EEPROM, LIKE ACK,NACK,START, STOP, BYTE WRITE, BYTE READ, SEQEUENTIAL READ AND PAGE WRITE.