

Lab 5 Postlab

- 1.) The autoend bit in CR2 will automatically create a stop condition for you. If you are trying to set up a new communication between devices, you want to define that stop condition yourself.
- 2.) PRESC = 0, SCLL = 0x9, SCLH = 0x3, SDADEL = 0x1, SCLDEL = 0x3
- 3.) In I2C\_CR1:
  - $TC = 6$
  - $NACKF = 4$
  - $TXIS$  (transmit interrupt) = 1
  - $ARLO = 7$
- 4.) 245, 500, 2000 dps
- 5.) 1101000b

For the logic analyzer portion of the lab handout, I don't have the exact logic analyzer or program that everyone else does. I'll get it passed off through Bailey in lab this week.