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*

1. 245, 500, 2000 dps
2. 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.