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| Commenting |  | Notes |
| Each file has a header comment, that states purpose of file and authors | Y | Stylish descriptor. |
| Over- or under-commenting | Y | A good amount of commenting. |
| Copied code and comments updated for current application | ish | Not all lab comments need to stay. |
| #ifdef DEBUG blocks | Y | Don’t have two separate files for this – it just makes it harder to keep them in sync. |
| Magic numbers | N | 350, 17, 359, 360, 3, 4… use #defines! Avoid floats completely. Use an enum rather #defines for displayToggle. |
| Variable & function naming | N | Why initRotor() but only updateRot()? Be consistent. Modularization will help with this, as you develop patterns within each module. |
| Formatting | N | Indentation isn’t consistent around/between whiles, fors and ifs. |
| High Cohesion & Low Coupling between Modules | N | What modules? Get on that ASAP! |
| Appropriate use of functions &/or macros | Y | The display() function could do with some subdivision. Good selection otherwise. Use strlen() instead of sizeof(). |
| ISR code is short | N | Nested ifs ruin the pipelining process. Either use a logical expression or a look-up table. |
| ISRs set flags rather than call functions | N | Either inline state() or put it explicitly in the interrupt. |