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1  /*
2  *Name: Kenzie Moore
3  * Program: Electrical Engineering Technology
4  * Year: 3rd year
5  * Class: Microcontroller Systems
6  * Section: CPET 253
7  * Exercise: Lab 6
8  * Date : 3/13/2022
9  */
10
11
12 void static commandwrite(uint8_t command){
13 // you write this as part of Lab 6
14
15     while(!(UCBUSY & 0x0001)){} //wait for SPI to be idle(check flag)
16     P9OUT &= ~0x40;; //set DC (P9.6) for command
17     UCA3TXBUF = command; //fill the TXBUF, this starts transfer
18     while(!(UCBUSY & 0x0001)){} //wait for SPI to be idle
19 }
20
21
22 void static datawrite(uint8_t data){
23 // you write this as part of Lab 6
24     while(!(UCBUSY & 0x0001)){} //wait for SPI to be idle (check flag)
25     P9OUT |= 0x40; //set DC (P9.6) for data
26     UCA3TXBUF = data; //fill the TXBUF, this starts transfer
27 }

```