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/*
 * data.h
 *
 * Created: 2/6/2022 4:46:15 PM
 * Author: Jason
 */

#ifndef DATA_H_
#define DATA_H_

typedef union {

    uint8_t byte;          //member used for register access

    struct{
        uint8_t bit0: 1;   //bit0
        uint8_t bit1: 1;   //bit1
        uint8_t bit2: 1;   //bit2
        uint8_t bit3: 1;   //bit3
        uint8_t bit4: 1;   //bit4
        uint8_t bit5: 1;   //bit5
        uint8_t bit6: 1;   //bit6
        uint8_t bit7: 1;   //bit7

        }bvals;

    } Named_bits;

#endif /* DATA_H_ */
```