

```
/*
 * 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 C : 1;    //Truth table C column
        uint8_t B : 1;    //Truth table B column
        uint8_t A : 1;    //Truth table A column
        uint8_t F : 1;    //Truth table F column
        */
        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_ */
```