```
/**************************************************************************/
/*                                                                        */
/*                              GENERAL.H                                 */
/*                      General Assembly Definitions                      */
/*                            Include File                                */
/*                      Digital Oscilloscope Project                      */
/*                              EE/CS 52                                  */
/*                           Santiago Navonne                             */
/*                                                                        */
/**************************************************************************/

/*
    This file contains general constants for the assembly functions within the
    EE/CS 52 Digital Oscilloscope project.


    Revision History:
        5/30/14  Santiago Navonne  Initial revision.
*/

/* General constants */
#define    FALSE          0              /* Zero is false */
#define    TRUE           1              /* Non-zero is true */
#define    WORD_SIZE      4              /* A word is 4 bytes */
#define    NEG_WORD_SIZE -4              /* Include negative to facilitate subtraction */

/* PIO register constants */
#define    EDGE_CAP_OF    3*WORD_SIZE /* Offset of edge capture PIO register */
#define    INTMASK_OF     2*WORD_SIZE /* Offset of interrupt mask PIO register */
#define    ENABLE_ALL     0b00111111  /* Enable interrupts from all six sources */
```