

```

/*Proj_1A1_LED_display
*****

#include "Proj_1A1_header_file.h"

int main (void)
{
    unsigned int PORT_1;
    setup_HW;

    while(1){
        PORT_1=1;
        for(int m = 1; m < 17; m++){
            I2C_Tx_2_integers(PORT_1, PORT_1);
            Timer_T0_10mS_delay_x_m(6);
            PORT_1 = PORT_1 << 1;}
        }

    }
}

//In the absence of a "SW_reset", "PORT_1" must be re-initialised every time the loop is repeated

```