```c
#include <p18f4520.h>

void lcdcmd(int cmd);
void lcddata(unsigned char value);
void msdelay(int time);

#define ldata PORTD          // Data pins connected to PORTD
#define rs PORTEbits.RE0     // RS connected to RE0
#define rw PORTEbits.RE1     // RW connected to RE1
#define en PORTEbits.RE2     // EN connected to RE2

void main()
{
    ADCON1=0x0F;      //All ports used as Digital I/O
    TRISD = 0x00;     // Set PORTD as output
    TRISE = 0x00;     // Set PORTE as output
    msdelay(100);

    lcdcmd(0x38);     // 16x2 LCD, 8-bit, 2 line, 5x7 dots
    msdelay(50);
    lcdcmd(0x0E);     // Display on, Cursor on
    msdelay(15);
    lcdcmd(0x01);     // Clear Display
    msdelay(15);
    lcdcmd(0x06);     // Entry mode set, Increment and shift right
    msdelay(15);
    lcdcmd(0x80);     // Move cursor to first row, first position

    // Display "SPPU" on first row
    lcddata('S');
    msdelay(50);
```

```c
    lcddata('P');

    msdelay(50);

    lcddata('P');

    msdelay(50);

    lcddata('U');

    msdelay(50);


    // Move cursor to second row and display "SITS"

    lcdcmd(0xC0);      // Move cursor to second row, first position

    msdelay(15);

    lcddata('S');

    msdelay(50);

    lcddata('I');

    msdelay(50);

    lcddata('T');

    msdelay(50);

    lcddata('S');

    msdelay(50);

}


// Command function to send instructions to LCD

void lcdcmd(int cmd)

{

    ldata = cmd;      // Send command to PORTD

    rs = 0;            // Select command register

    rw = 0;             // Write operation

    en = 1;             // Generate a high-to-low pulse

    msdelay(10);

    en = 0;

}
```

```c
// Data function to send data to LCD
void lcddata(unsigned char value)
{
    ldata = value;      // Send data to PORTD
    rs = 1;            // Select data register
    rw = 0;            // Write operation
    en = 1;            // Generate a high-to-low pulse
    msdelay(10);
    en = 0;
}


// Delay function (approximate timing based on oscillator frequency)
void msdelay(int time)
{
    int i, j;
    for (i = 0; i < time; i++)
        for (j = 0; j < 135; j++);
}
```