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1 /*
2  * Experiment No. 9_B
3  * Program statement: Interface serial communication port (USART) of PIC18
4  * with PC and write an embedded C program for PIC18 to receive the
5  * information serially form PC to microcontroller for various baudrates
6  * and display the received information on LCD or LED.
7  * Roll no.- 312046      Batch no.- B2
8  * Date of performance- 12/09/2018
9  */
10
11 #include "LCD.h"
12
13 void main(){
14     RCSTA = 0b10010000;           //SPEN bit enable & CREN enable
15     SPBRG = 12;                   //X = ((8M/9600)/64)-1  X = 12.02 = SPBRG
16     TRISCbits.TRISC7 = 1;         //Rx pin input
17     while(1){
18         while(PIR1bits.RCIF == 0); //Wait until all data received
19         displayMsg(1,1,RCREG);     //Display received data on LCD
20     }
21 }
```