#define rs LATA.F0

#define rw LATA.F1

#define en LATA.F2

//LCD Data pins

#define lcdport LATB

Void lcd\_init();

Void lcdcmd(unsigned char);

Void lcddata(unsigned char);

Unsigned char data[20]=”hello world”;

Unsigned int i=0;

Void main(void)

{

TRISA=0;                             // Configure Port A as output port

LATA=0;

TRISB=0;                             // Configure Port B as output port

LATB=0;

Lcd\_init();                              // LCD initialization

While(data[i]!=’\0′)

{

Lcddata(data[i]);     // Call lcddata function to send characters

// one by one from “data” array

I++;

Delay\_ms(300);

}

}

Void lcd\_init()

{

Lcdcmd(0x38);

Lcdcmd (0x0C);

Lcdcmd(0x01);

Lcdcmd(0x06);

Lcdcmd(0x80);

}

Void lcdcmd(unsigned char cmdout)

{

Lcdport=cmdout;

Rs=0;

Rw=0;

En=1;

Delay\_ms(10);

En=0;

}

Void lcddata(unsigned char dataout)

{

Lcdport=dataout;

Rs=1;

Rw=0;

En=1;

Delay\_ms(10);

En=0;

}