#include<p18F4550.h>

void InitUART(unsigned int baudrate)

{

TRISCbits.RC6 = 0; //TX pin set as output

TRISCbits.RC7 = 1; //RX pin set as input

SPBRG = baudrate;

TXSTA = 0b00100000; //Asynchronous 8-bit; Transmit enabled; Low speed baudrate select

RCSTA = 0b10010000; //Serial port enabled; 8-bit data; single receive enabled

}

void SendChar(unsigned char data)

{

while(TXSTAbits.TRMT == 0); //Wait while transmit register is empty

TXREG = data; //Transmit data

}

unsigned char GetChar(void)

{

while(!PIR1bits.RCIF); //Wait till receive buffer becomes full

return RCREG; //Returned received data

}

char A []= "Press Key";

void main(void)

{

int i;

char z;

InitUART(77);

for (i=0;i<9;i++)

{

SendChar (A [i]);

}

while(1)

{z=GetChar ();

z=z+1;

SendChar (z);

}

}