```c
#include <LPC214x.h>
#include "stdio.h"
void UartInit()
{
 PINSEL0 = 0x05;    // set the functionality of TxD and Rxd
  U0LCR = 0x83;    // Line control register :DLAB=1 ; 8
                    //   bits; 1 stop bit ; no parity

 U0DLM = 0;
 U0DLL = 97;
 U0LCR = 0x03;    // Line control register :DLAB=0
}


int UART_PutChar(unsigned char Ch)
{if (Ch == '\n')  {
    while (!(U0LSR & 0x20));
    U0THR = 0x0D;         // output CR
}

  while(!(U0LSR & 0x20));
   return( U0THR = Ch);
}

 int fputc(int ch, FILE *f)
 { return (UART_PutChar(ch));
 }

struct __FILE { int handle;};
FILE __stdout;
```