

Please use the latest C30 version to get programs for PIC24FJ256GA110 compiled successfully.

C30 Student version 3.11b used for this example.

```
/*
*****
* This is a quality assurance demo for the hardware platform
* PIC24-Eval Rev C + TY280T-240320-BO Rev 1B.
* One should short JP6 on the LCD module for this demo.
*
* This program has been modified from the original Microchip Primitive Demo.
* First the LCD will show simple RGB color, primitive graphic, and bmp file
* hard-code. Finally a screen showing the instruction to connect RS232 port
* to Windows HyperTerminal will pop up. Use the baud rate of 19200bps, 8-n-1
* for HyperTerminal. Follow the instruction to test the nandFlash.
* One major change to this project from previous versions is on the uart part.
* UART1 used in the past but this version swapped to UART2. For simplicity,
* the source code comm.c and monitor.c have been employed for stdio functions.
* A different version of printf as xprintf is now in effect.
*
* Programmer : John Leung (www.TechToys.com.hk)
* Date: 23 Jan 2009
*****
*/

/*
*****
* Program modified for the microcontroller PIC24FJ256GA110 on PIC24-Eval-RevC
* The major change from PIC24FJ256GA110 to PIC24FJ128GA010 is that, we
* need to initial the associated peripheral features to RPx. For example,
* we need to initialize RP10 pin for U2RX, RP17 pin to U2TX for UART.
* Otherwise, UART feature will NOT work! This is done by the uart_init()
* function inside comm.c
*
* Date: 3rd Feb 2009
* Programmer: John Leung at TechToys Co. (www.TechToys.com.hk)
*****
*/

/*
*****
* Compiler version upgraded to version 3.11b Student version in order for
* successful compile for PIC24FJ256GA110, otherwise heap allocation problem.
*
* Date: 13th Feb 2009
* Programmer: John Leung at TechToys Co. (www.TechToys.com.hk)
*****
*/
```