

```

void main(void)
{
    // Initialize the device
    SYSTEM_Initialize();
    clearPutty();
    /*
    redLED_SetHigh(); //RD1 pin
    greenLED_SetHigh(); //RD2 pin
    bicolourLEDG_SetHigh(); //RD0 pin
    bicolourLEDR_SetLow(); //RD3 pin
    */
    char input[10],i;
    int digit=0,has_switch1_changed;
    printf("LED Excercise Menu\n\r\n\r 1. Turn Red LED on\n\r\n\r2. Turn Green LED on\n\r\n\r3. Turn Bicolo
while (1)
{
    // Add your application code
    //printf("LED Excercise Menu\n\r\n\r 1. Turn Red LED on\n\r\n\r2. Turn Green LED on\n\r\n\r3. Turn
    if(UART2_DataReady) // polls receive buffer for available data
    {
        i = UART2_Read(); // read a single character from buffer
        digit=i-48;
        if(digit<=0 || digit>=6)
        {
            printf("Please type a number between 1 and 5 only.\n\r");
        }
    }
}
}

```