

```
int main ( void )
{
    uint32_t msp_ns = *((uint32_t *) (TZ_START_NS));
    volatile funcptr_void NonSecure_ResetHandler;

    /* Initialize all modules */
    SYS_Initialize ( NULL );

    RTC_Timer32CallbackRegister(rtcEventHandler, 0);
    EIC_CallbackRegister(EIC_PIN_12, sw0_eventHandler, 0);

    sprintf((char*)uartTxTempBuffer, "***** Printing Toggling LED rate *****\r\n");
    readUartTxStatus = true;

    RTC_Timer32Start();
}
```