

```
int main (void)    //Example 1  Red LED flashes
{  setup_HW_Basic;
  LED_1_on;
  SW_reset;}
```

```
int main (void)    //Example 2  Red LED flashes
{  setup_HW_Basic;
if(switch_3_down){wdt_enable(WDTO_120MS); _delay_ms(60);}
else wdt_enable(WDTO_30MS);
  LED_1_on;
  while(1);}
```

```
int main (void)    //Example 3  Red LED flashes
{  setup_HW_Basic;
  while(1){
    switch_LED_1;
    _delay_ms(50);}}
```

```
int main (void)    //Example 4  Red LED flashes
{  setup_HW_Basic;  //when switch_1 is pressed
  while (1) {
    while (switch_1_up);
    {switch_LED_1; }
    Timer_T0_10mS_delay_x_m(20);  }}
```