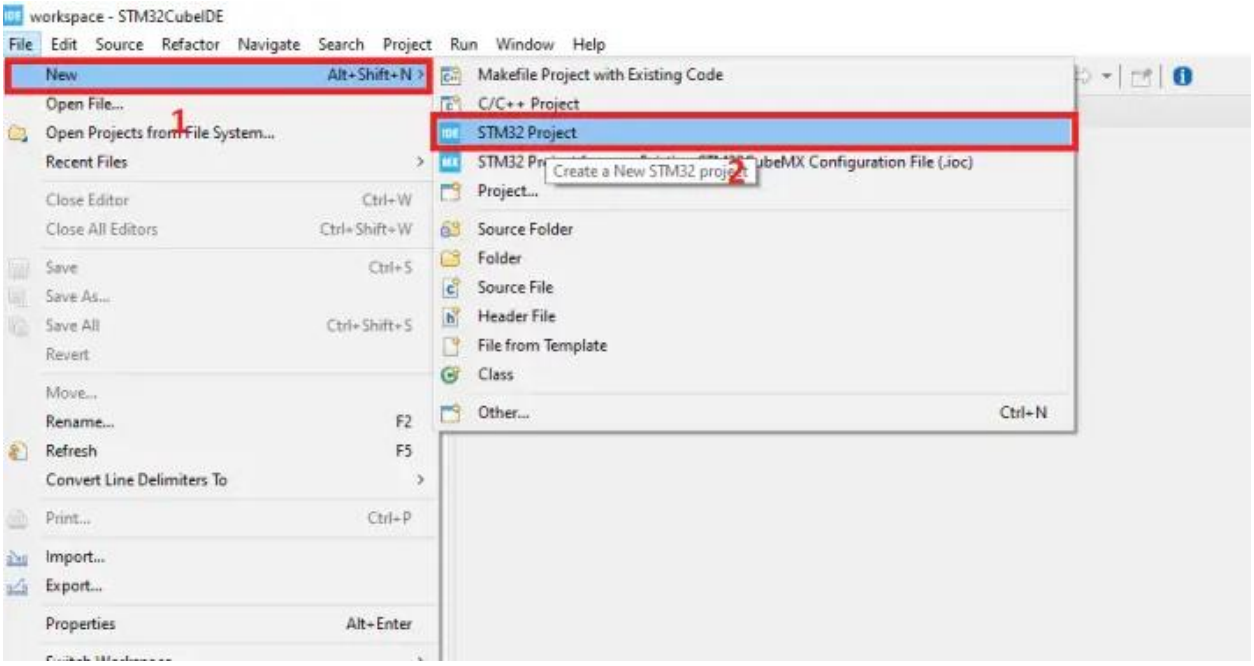
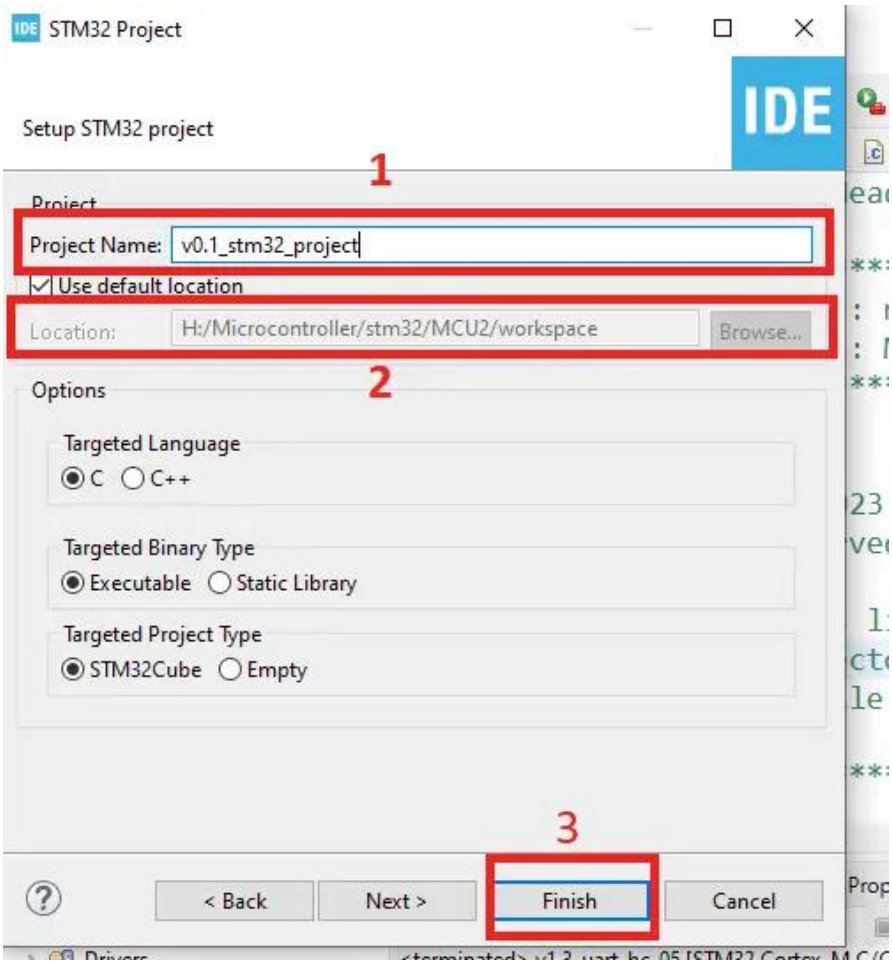
Project creation in Stm32Cube IDE



Select STWINBX1 board



Open MX and clear all Pinouts

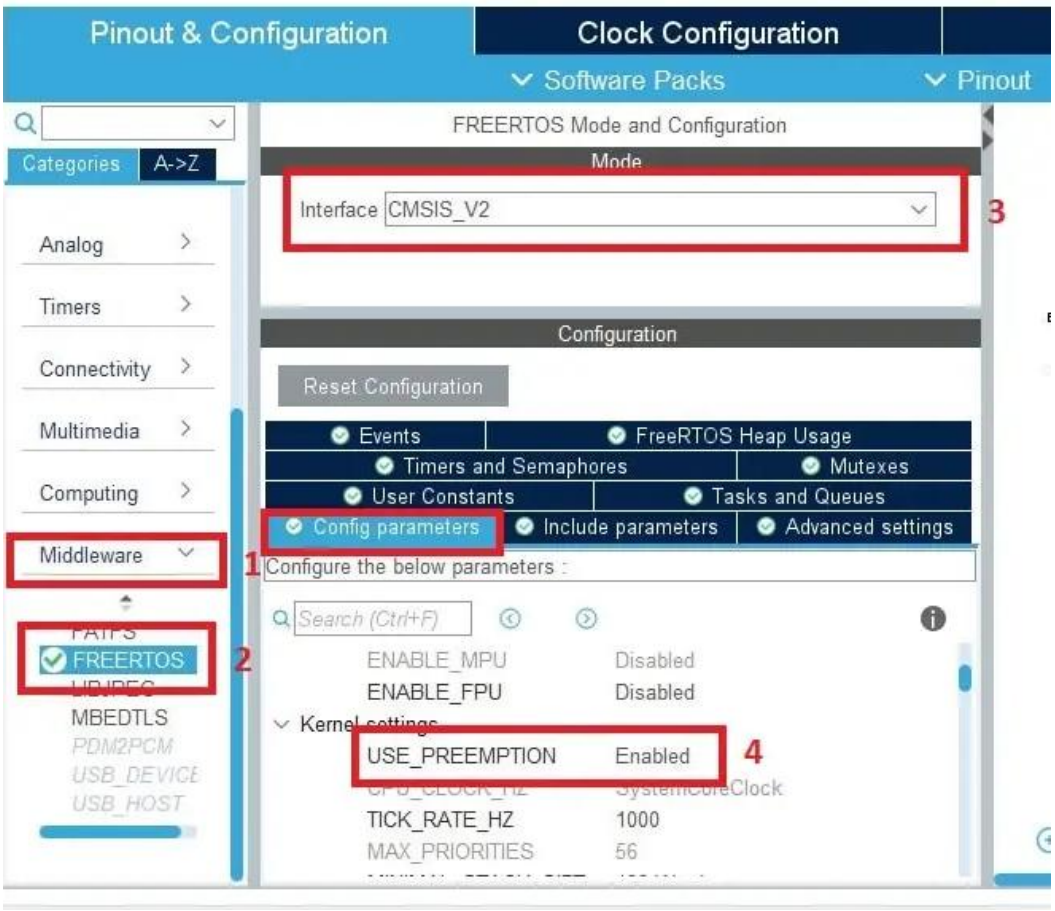
SETTING UP LEDS

Find the pins and set them up as GPIO Output

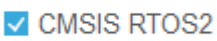
Set up FreeRTOS

Download the middlware

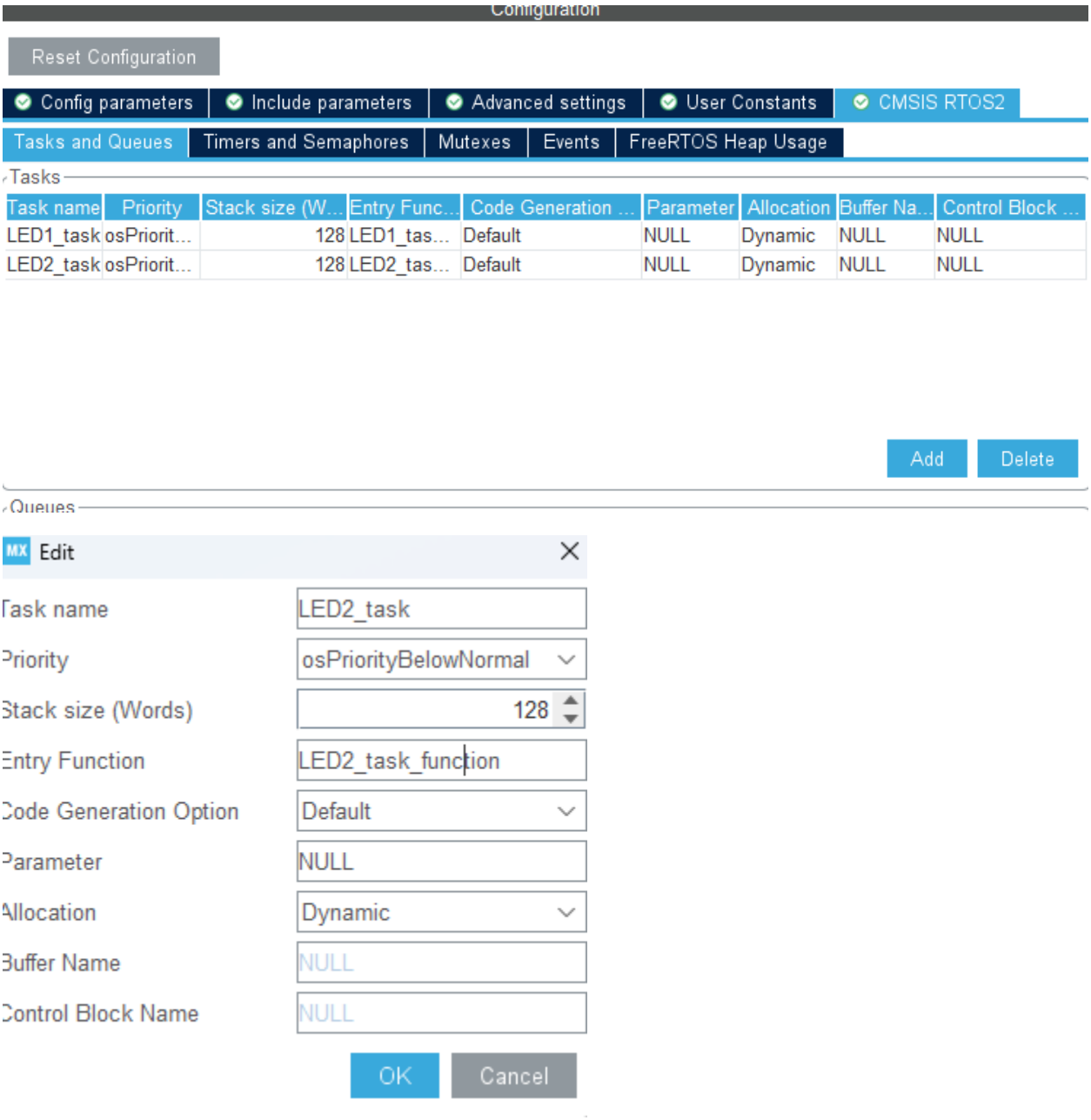
Then



Create tasks



Enable RTOS



Change timebase for SYS from SysTick to TIM3 (any available TIM)

Multitask toggle LED

```c
void LED1_task_function(void *argument)
{
  /* USER CODE BEGIN LED1_task */
  /* Infinite loop */
  for(;;)
  {
      HAL_GPIO_TogglePin(LED1_GPIO_Port, LED1_Pin);
      osDelay(500);
  }
  /* USER CODE END LED1_task */
}
```

Make sure both tasks toggle different LEDs