

Learn How to Create a task , Delete a Task and Delay a task

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#include<stdio.h>
#include<FreeRTOS.h>
#include<task.h>

TaskHandle_t mytaskHandle = NULL;
TaskHandle_t mytaskHandle2 = NULL;
void mytask2(void* p)
{
    int count = (int*)p;
    while (1)
    {
        printf("\nWelcome to KJSCE from Task2: %d", count++);
        vTaskDelay(1000*configTICK_RATE_HZ/1000);
        if (count == 70)
            vTaskDelete(mytaskHandle2);
    }
    fflush(stdout);
}

void mytask1(void* p)
{
    int count = (int *)p;
    while (1)
    {
        printf("\nWelcome to KJSCE from Task1 : %d", count++);
        vTaskDelay(100);
        if (count ==40)
            xTaskCreate(mytask2, "task2", 128, (void*)count, 2, &mytaskHandle2);
        else if (count == 100)
            vTaskDelete(mytaskHandle);
    }
    fflush(stdout);
}

void main_blinky(void)
{
    int pass =10;
    xTaskCreate(mytask1, "task1", 128, (void*)pass, 1, &mytaskHandle);
    vTaskStartScheduler();
    while (1)
    {
        printf("My idle task");
        //no work
    }
}
```