Wo, wie, was

Die main.c ist bereits vorgefertigt. Wo ergänzen wir welche Programmteile?

/\* USER CODE BEGIN Header \*/

/\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\* @file : main.c

\* @brief : Main program body

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\* @attention

\*

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\*

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\*/

/\* USER CODE END Header \*/

/\* Includes ------------------------------------------------------------------\*/

**#include** "main.h"

/\* Private includes ----------------------------------------------------------\*/

/\* USER CODE BEGIN Includes \*/

/\* USER CODE END Includes \*/

/\* Private typedef -----------------------------------------------------------\*/

/\* USER CODE BEGIN PTD \*/

/\* USER CODE END PTD \*/

/\* Private define ------------------------------------------------------------\*/

/\* USER CODE BEGIN PD \*/

/\* USER CODE END PD \*/

/\* Private macro -------------------------------------------------------------\*/

/\* USER CODE BEGIN PM \*/

/\* USER CODE END PM \*/

/\* Private variables ---------------------------------------------------------\*/

<= globale Variablen

**/\* USER CODE BEGIN PV \*/**

int global=0;

**/\* USER CODE END PV \*/**

/\* Private function prototypes -----------------------------------------------\*/

**void** **SystemClock\_Config**(**void**);

**static** **void** **MX\_GPIO\_Init**(**void**);

/\* USER CODE BEGIN PFP \*/

/\* USER CODE END PFP \*/

/\* Private user code ---------------------------------------------------------\*/

**/\* USER CODE BEGIN 0 \*/**

<= Unterprogramm

void setBitGPIOC(int Bit)

{ GPIOC->BSRR=Bit; }

**/\* USER CODE END 0 \*/**

/\*\*

\* @brief The application entry point.

\* @retval int

\*/

**int** **main**(**void**)

{

<= Lokale Variablen

**/\* USER CODE BEGIN 1 \*/**

**int** alt, neu;

**/\* USER CODE END 1 \*/**

/\* MCU Configuration--------------------------------------------------------\*/

/\* Reset of all peripherals, Initializes the Flash interface and the Systick. \*/

HAL\_Init();

/\* USER CODE BEGIN Init \*/

/\* USER CODE END Init \*/

/\* Configure the system clock \*/

SystemClock\_Config();

/\* USER CODE BEGIN SysInit \*/

/\* USER CODE END SysInit \*/

/\* Initialize all configured peripherals \*/

MX\_GPIO\_Init();

**/\* USER CODE BEGIN 2 \*/**

<= Initialisierungen

RCC->AHBENR|=0b111;

GPIOC->MODER=0b010101;

**/\* USER CODE END 2 \*/**

/\* Infinite loop \*/

/\* USER CODE BEGIN WHILE \*/

**while** (1)

{

**while**(HAL\_GPIO\_ReadPin(GPIOB,GPIO\_PIN\_0)==0);

<= Endlosprogramm

GPIOC->ODR++;

**if** (GPIOC->ODR>6) GPIOC->ODR=1;

**while**(HAL\_GPIO\_ReadPin(GPIOB,GPIO\_PIN\_0)==1);

GPIOC->ODR++;

**if** (GPIOC->ODR>6) GPIOC->ODR=1;

/\* USER CODE END WHILE \*/

/\* USER CODE BEGIN 3 \*/

}

/\* USER CODE END 3 \*/

}