# Exercises

1. How do you obtain the currently executing task handle?
   1. *xTaskGetCurrentTaskHandle*
2. How do you give up the CPU to another task?

Door de taak te prioriteren.

1. Which CPU core do application programs execute on for the ESP32?

Wordt bepaald door round-robin

1. What is the name of the default task provided by the Arduino environment?

Setup(), loop()

1. What FreeRTOS function is used to suspend one task?

vTaskSuspend()

1. Can a task delete itself and if so how?

Ja door de code uit setup() of loop() te halen, afhankelijk van waar deze staat.

1. When is the task’s stack released when a task deletes itself? Immediately or later during the IDLE task?

Gelijk

1. What causes the preemption in FreeRTOS for ESP32?

Task gpio off

1. How often do the ESP32 tick interrupts occur?

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