

# Task 1

What is the purpose of the gpio config function?

It is used to configure that gpio as an output.

In the example code, GPIO4 is configured as an output. What other modes can a GPIO pin be configured in?

The I/O GPIO pins are 0-19, 21-23, 25-27, 32-39, while the output GPIOs are 0-19, 21-23, 25-27, 32-33. GPIO pins 34-39 are input-only.

So the GPIO4 can be used both as input and output

Explain the vTaskDelay function call.

vTaskDelay adds a delay before executing the rest of the code.

Why is the main function called app main?

To be distinct from the main function which utilises other port.