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1. Which tasks are considered macrotasks and which microtasks?

R/ Microtasks are those defined within a promise. The macrotasks are the ones defined for callback-based APIs, such as setTimeout

1. How are related the macrotasks and the microtasks in the event loop?

R/ The event loop always give priority to the microtasks over the macrotasks after checking If the stack is empy

1. What happens when a microtask generates a new macrotask inside it?

R/ the microtask is sent to the stack from the microtask queue, then the macrotask inside it is send to the macrotask queue. This macrotask queue is not passed to the stack until the stack and the microtask queue are empy. Then it passes to the stack and is executed.

1. How are the promises and the setTimeout handled in relation to the event loop?

R/ Promises are microtasks and setTimeout is a macrotask, so the event loop always gives priority to promises.