

THE COMPLETE JAVASCRIPT COURSE

FROM ZERO TO EXPERT!

SECTION

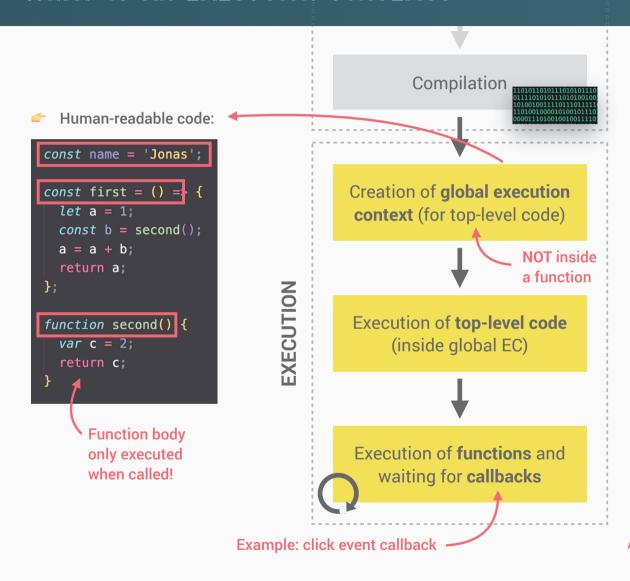
HOW JAVASCRIPT WORKS BEHIND THE SCENES

LECTURE

EXECUTION CONTEXTS AND THE CALL STACK



WHAT IS AN EXECUTION CONTEXT?



EXECUTION CONTEXT

Environment in which a piece of JavaScript is executed. Stores all the necessary information for some code to be executed.



- Exactly one global execution context (EC):
 Default context, created for code that is not inside any function (top-level).
- One execution context <u>per function</u>: For each function call, a new execution context is created.

All together make the call stack

EXECUTION CONTEXT IN DETAIL

Variable Environment let, const and var declarations Functions arguments object Scope chain NOT in arrow functions!

Generated during "creation phase", right before execution

