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JavaScript



JavaScript was initially created to "make web pages alive"

JavaScript can be written right in a web page's HTML and run automatically

Today, JavaScript can execute not only in the browser, but also on the server, or actually on any device that has a special program called the JavaScript engine.

In-browser JavaScript can do everything related to webpage manipulation, interaction with the user, and the webserver. For instance, in-browser JavaScript is able to:

- Add new HTML to the page, change the existing content, modify styles.
- React to user actions, run on mouse clicks, pointer movements, key presses.
- Send requests over the network to remote servers, download and upload files (so-called AJAX and COMET technologies).
- Get and set cookies, ask questions to the visitor, show messages.
- Remember the data on the client-side ("local storage").

JavaScript programs can be inserted into any part of an HTML document with the help of the <script> tag. (Check the next page for example).

https://javascript.info/js

Getting Started with JavaScript



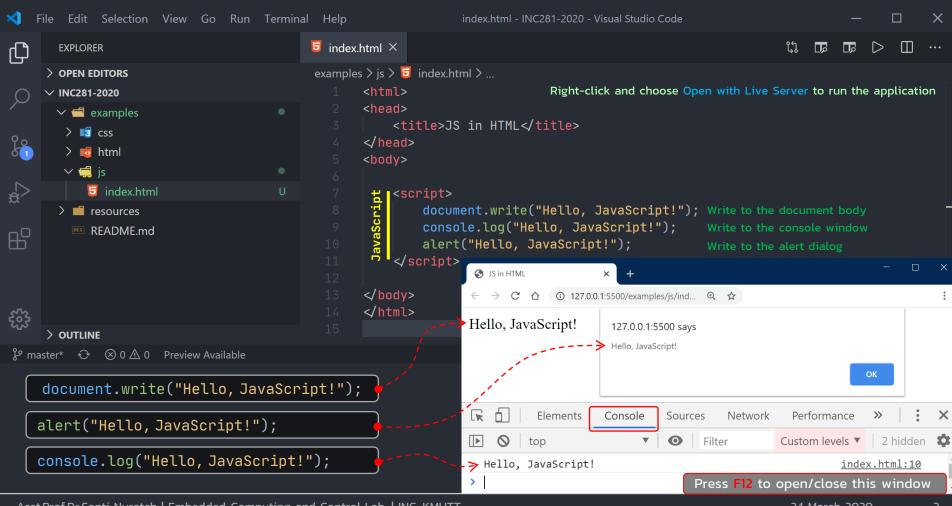
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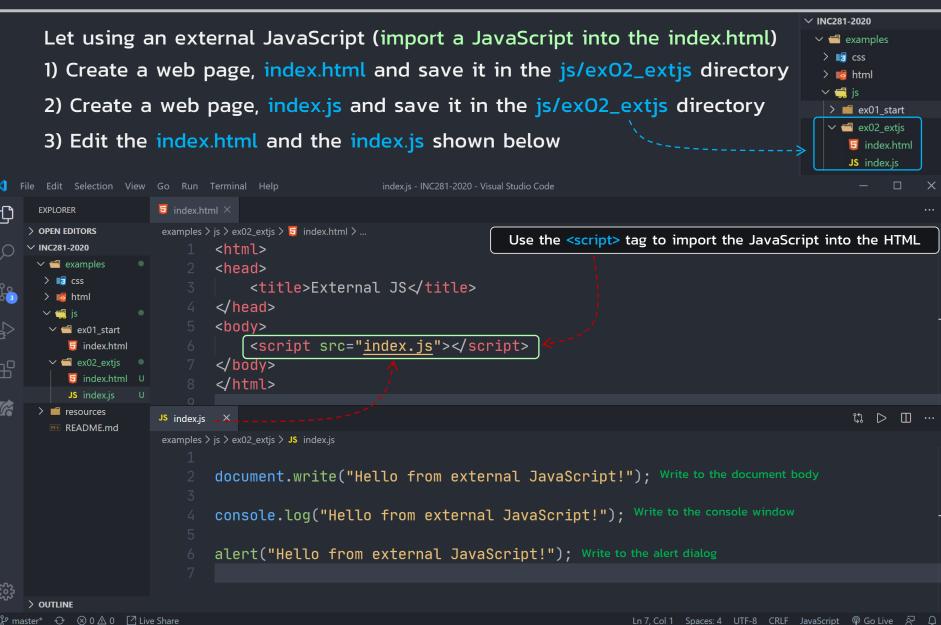
index.html

- 1) Create a web page, index.html and save it in the js/ex01_start directory
- 2) Edit the index.html as shown below
- 3) Save and run index.html, then check the result in the web browser



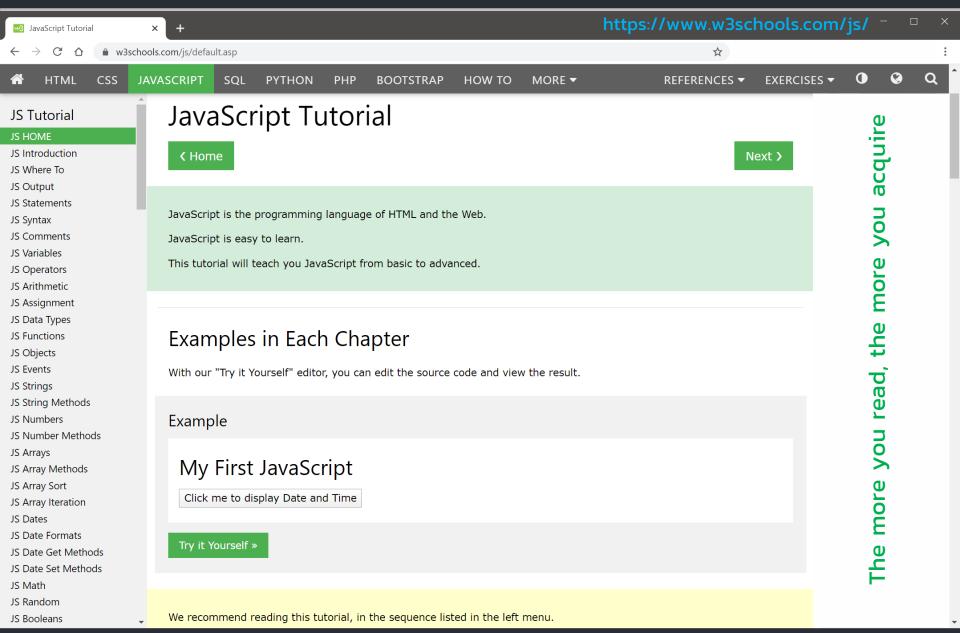
Getting Started with JavaScript





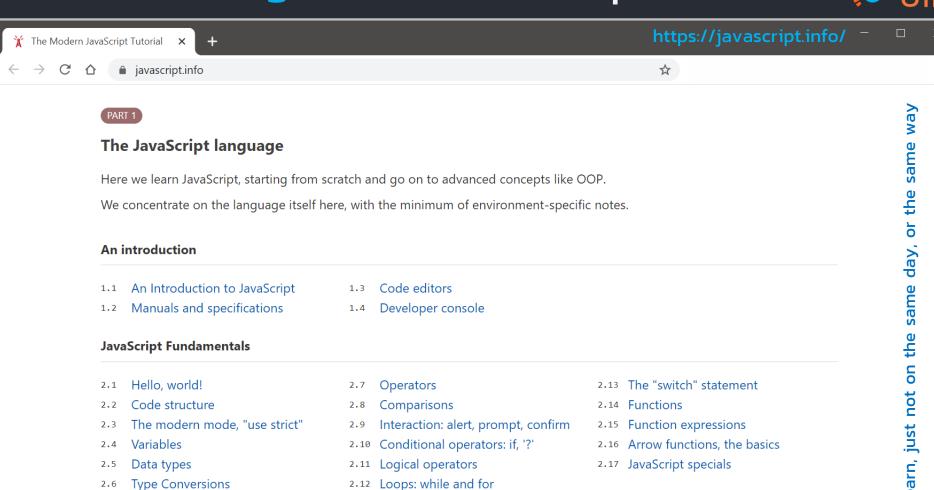
PRACTICE! is best way to improve your coding skill





Self Learning is the best weapon



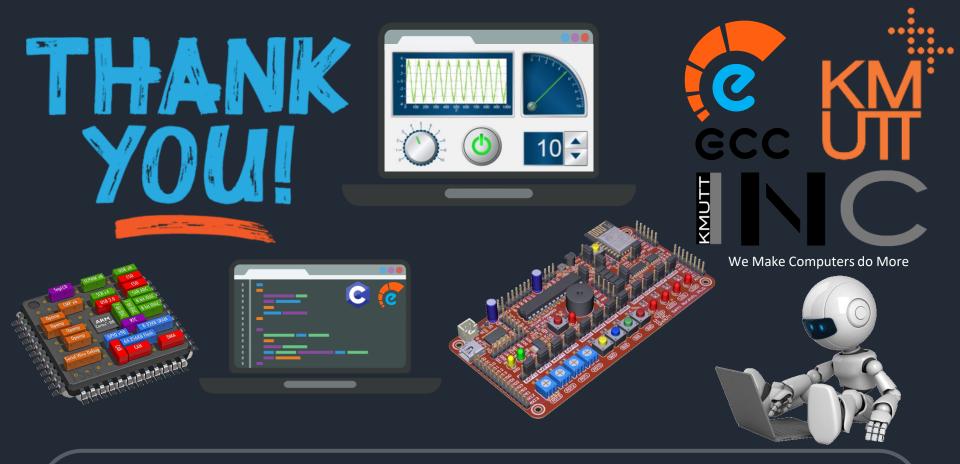


Code quality

3.1	Debugging in Chrome	3.3	Comments	3.5	Automated testing with Mocha
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3.2 Coding Style Ninja code Polyfills

Objects: the basics



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