



ICT-Start - Session 01

Module 4: Client-Side Scripting II Modular Programming

A) Modular Programming

December 2022









Modular Programming - Intro









Modular Programming - Intro

- Until now, we only used functions to evaluate events
- However, we can call functions manually without the need of an event!
- We did this actually several times...
 - prompt()
 - console.log()
 - alert()



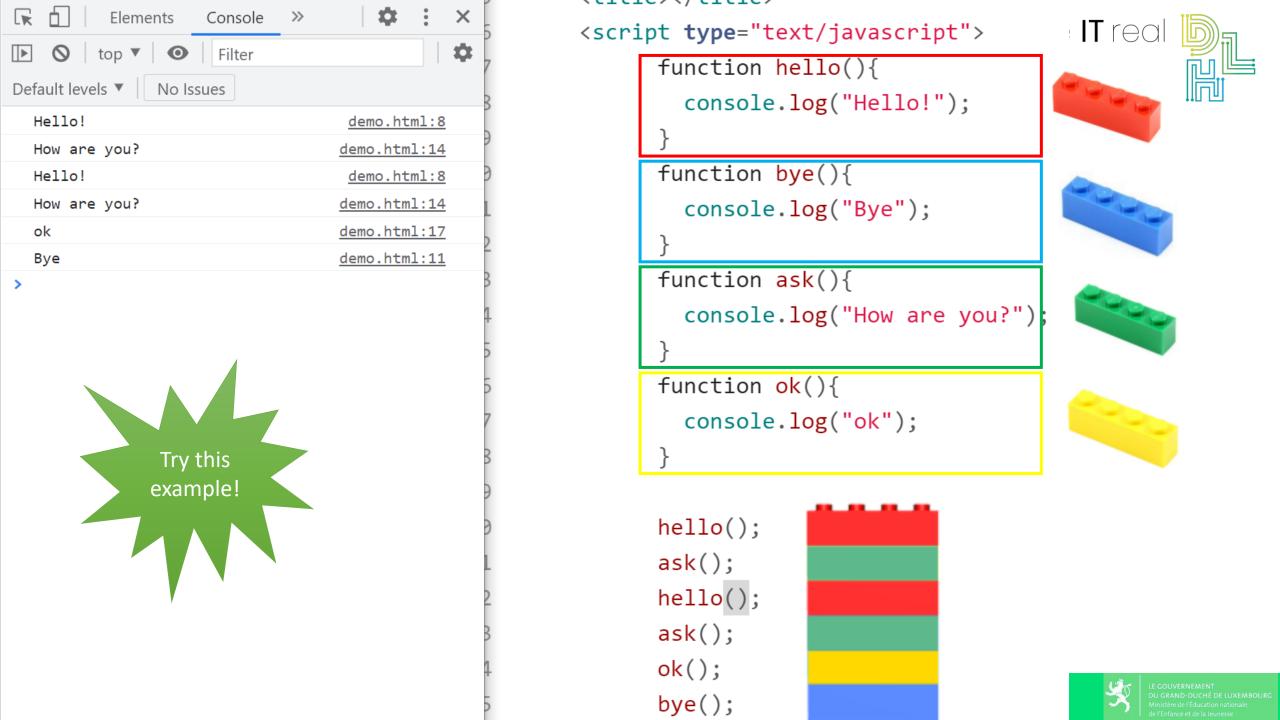






Example









A better approach











- We have used functions to subdivide our program into smaller subroutines, making the new code more orderly, clear and structured.
- These are like Lego bricks, since they can be easily combined in many different ways.
- In addition, the code is also much easier to **read** because you can see from the function names what is actually executed.
- This is a very important aspect when you are working within a development team and sharing JavaScript files among each other. Because the code is more readable it is more understandable and accessible to every member of the team.

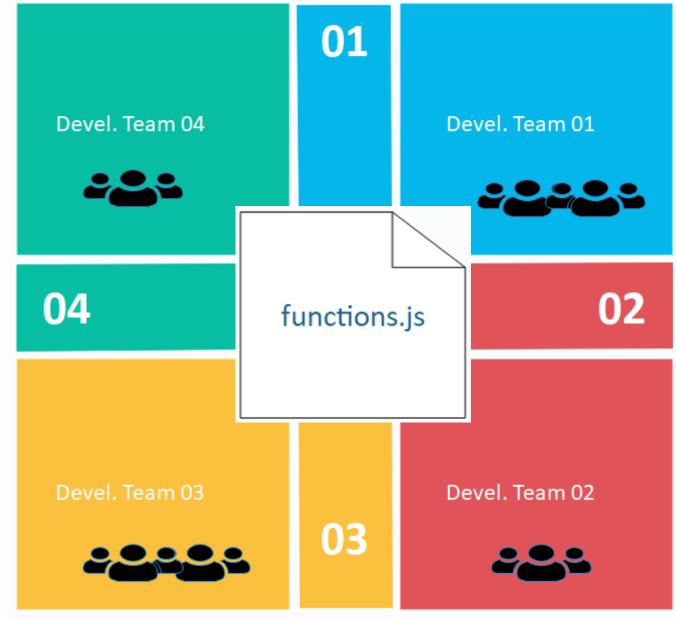




Make IT real 🐚 🗐

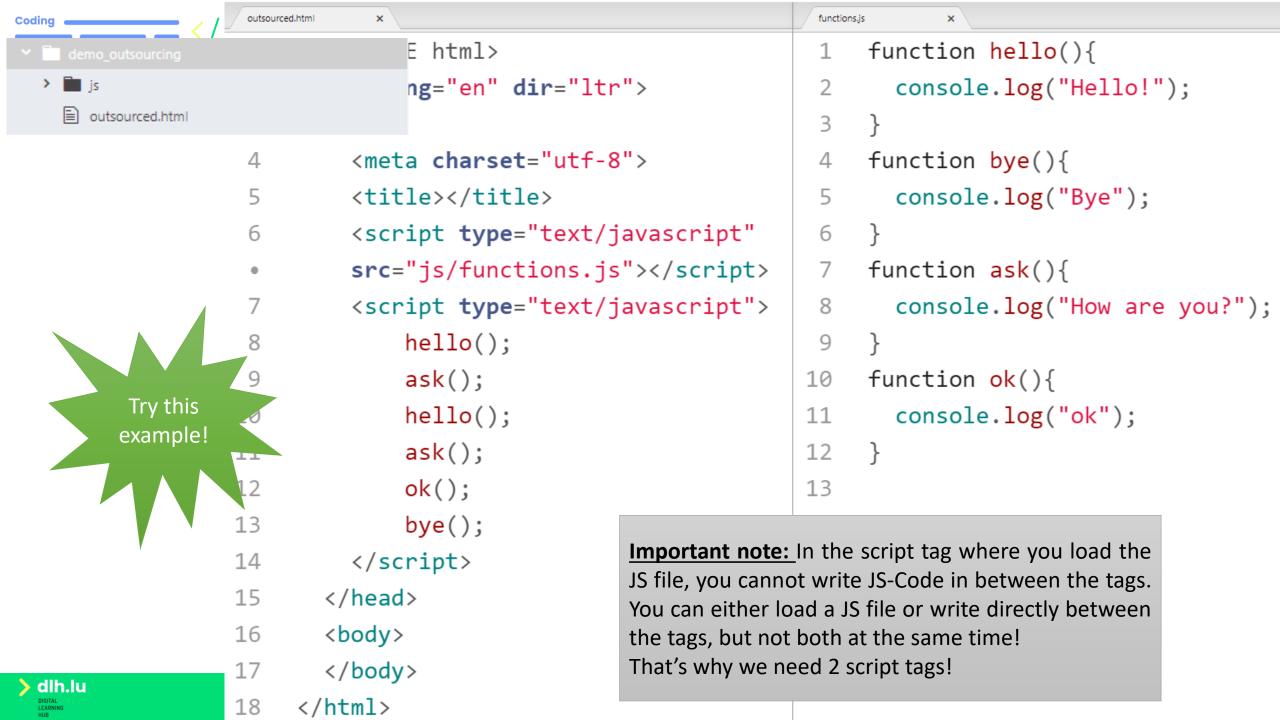
Working in a team

- Since we know how to encapsulated code in functions, how can we share the code between members in a team?
- **Hint:** How we did it with CSS?













Exercises

