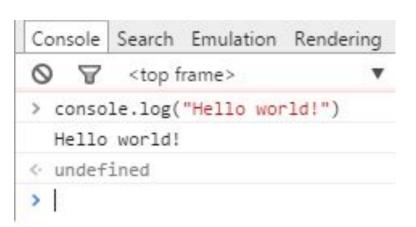# Lab work #1 1/2

- Get practice the Web Console First Using:
  - Open any browser
  - Press F12
  - In console command line write:

    console.log("Hello world!")
  - Press Enter to execute
  - Get the result:

| Console | Search | Emulation | Rendering |
|---------|--------|-----------|-----------|

🚫 ▽  &lt;top frame&gt;  ▼

&gt; console.log("Hello world!")

Hello world!

⟵ undefined

&gt; |

– console.dir({one: 1, two: {three: 3}});

# Lab work #2

- Please create the web page:
  - Ask to input two numbers with a prompt dialog window
  - Do the converting as it necessary
  - Ask to input an arithmetic operator
  - Output the calculated result in the web console
- Please validate code with online validator end errors

# Lab work #3

- Create program for the following algorithm
  - Input balls from 0 to 100.
  - Output the received assessment according to the rules:

    | | |
    |----|--------|
    | A  | 100-95 |
    | B  | 85-94  |
    | C  | 75-84  |
    | D  | 65-74  |
    | E  | 60-64  |
    | FX | 0-59   |

# Lab work #4

- Prompt the user to input the marks of 5 subjects of a student. Display if he has passed in each subject if mark is above 60 else use break for

- Build a numerical calculator. Ask user for two inputs (numbers). Ask user for what function to perform:

    1. Addition,
    2. Subtraction,
    3. Multiplication
    4. Division.

Display the result accordingly. And loop the code while user prompts – "That's all"

# Lab work #5

- Write code to create an array of 5 Cars
  - Car has following properties:
    - FirmName (string)
    - ModelName (string)
    - EngineDisplacement (float)
  - All parameters to prompt by user
- Output all Cars that has Engine Displacement > 2.0

# Lab work #6

- Demonstration:
  - Please create function without arguments, that alerts the number of arguments and there names
  - Please call this function several times with a different values amount.