

Good morning!

Today we're going to go over some JavaScript concepts, so we can all figure out, if we still have some shortcomings (and where!).

This is not about passing or failing - take it easy - just do the exercises as good as you can and implement what you have learned so far.

Tips:

- Google is allowed. So is MDN & Stackoverflow and all other online resources.
- You don't *need* to finish *everything*. If you get stuck too long - move on.

Rules:

- You're not supposed to talk to your classmates
- No Slack, sms, whatsapp etc.
- You must send a link to your code to Marie on Slack by **12:00**. Late submissions will be regarded invalid.
- **The way you submit the test:** Create a new repo for the JS-test on your Github profile → Add and commit your code of the JS-test to the main branch of the new repo → IMPORTANT you are of course not allowed to commit new code or changes after 12:00 → Feedback will be given as an issue in your submitted Github repo!

1. (Main theme: Programming Basics)

Write a function that logs to the console numbers 1 to 100.

However, if the number is divisible by 3 it should log to the console "This is divisible by 3"

If it's divisible by 5 it should log "This is divisible by 5"

If it's divisible by both 3 and 5 it should log "Jackpot!"

Hint: use the modulo operator (%) to figure out if two numbers are divisible. Make sure the remainder is 0.

An example: 14 is divisible by 7, because $14 \div 7 = 2$ exactly. 11 is not divisible by 7.

2. (Main theme: DOM manipulation)

Using JavaScript, create a button and add it to the html (the document).

When the button is clicked, insert an tag to the html with a random image.

3. (Main theme: Async API calls)

Make an API call using the Fetch API. Make use of the following API:

<https://reqres.in/api/users>

Display the `first_name` of the first three users in the DOM.