

GROUP WORK – Individual submission will not be considered.

DUE 06/02/2025 by 13.00

Part 1: Working with web developer tools inside browsers

In this lab, you will get familiar with web developer tools inside modern browsers.

To see HTTP requests/responses between your browser and one specific web server do the following steps (Pick one browser and follow the steps for that browser):

Firefox:

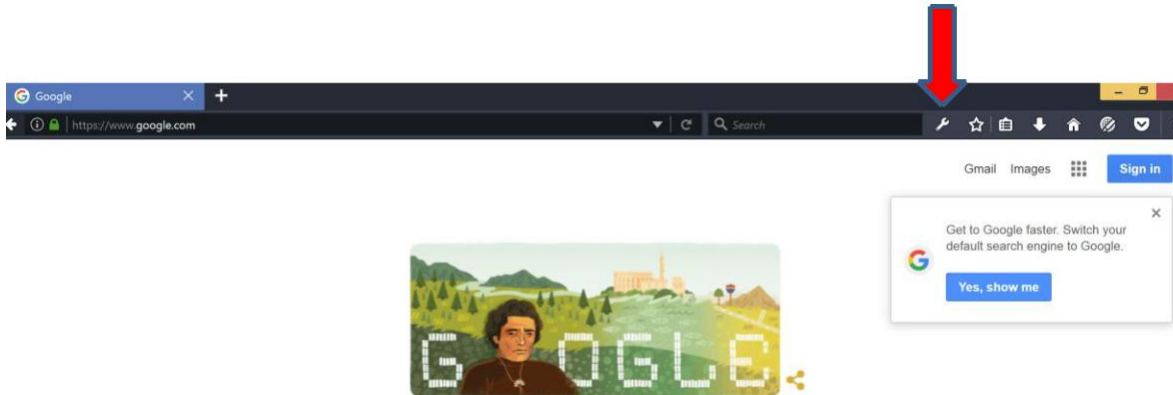
1. Visit google.com
2. Press F12 to launch the Debugger
3. Go to network tab
4. Refresh the page by pressing F5 + ctrl (Full page refresh)
5. Answer the following questions?
 - a. How many HTTP requests did the browser send to Google?
 - b. How much time did it take to load the page?
 - c. How many png files were in the page?
 - d. Take a screenshot from your screen and include it in your document (if you don't know how to take screenshot, read the following link: <http://www.wikihow.com/Take-a-Screenshot-in-Microsoft-Windows>)

Chrome:

1. Visit google.com
2. Press F12 to launch the Debugger
3. Go to network tab
4. Refresh the page by pressing F5 + ctrl (Full page refresh)
5. Answer the following questions?
 - a. How many HTTP requests did the browser send to Google?
 - b. How much time did it take to load the page?
 - c. How many png files were in the page?
 - d. Take a screenshot from your screen and include it in your document (if you don't know how to take screenshot, read the following link: <http://www.wikihow.com/Take-a-Screenshot-in-Microsoft-Windows>)

Working with Firefox Developer Edition

1. Download and install Firefox Developer Edition:
 - a. <https://www.mozilla.org/en-US/firefox/developer/>
 - b. Open **web developer tools**



2. Visit google.com
3. Press F12 to launch the Debugger
4. Go to network tab
5. Refresh the page by pressing F5 + ctrl (Full page refresh)
6. Answer the following questions?
 - a. How many HTTP requests did the browser send to Google?
 - b. How much time did it take to load the page?
 - c. How many png files were in the page?
 - d. Take a screenshot from your screen and include it in your document (if you don't know how to take screenshot, read the following link: <http://www.wikihow.com/Take-a-Screenshot-in-Microsoft-Windows>)

Part 2: Create your first page and upload it to the web server

Task 1: Create the first HTML webpage. Name it as aboutme.html. Complete the following modifications.

1. Add your name and a short biography. Do some styling.
2. Save the file.

Task 2: Go to following website. Create your GitHub Pages.

<https://docs.github.com/en/pages/getting-started-with-github-pages/creating-a-github-pages-site>

1. Upload your aboutme.html file to your GitHub repository.
2. Make sure that you see your webpage.
3. Create a document; write down the answers to the questions in part 1. After that, add the requested screenshot. Then, give the link to **your and your partner's** personalized aboutme.html. Zip both your .html files and the document you created, then submit the zip file to AYBUZEM. It is your responsibility to make sure that the web page is running.