# Node.js Web Server Exercises

## Rewrite the server

Rewrite the server as it was presented on the lecture. Rewrite the favicon, index and static files handlers. Try to rewrite them without copy-paste driven development.

## Restrict the static file handler

Restrict the handler to serve only files from the '**content**' folder. Restrict it to serve only **html**, **css, js and jpg** files.

## Create HTML with a form

Users should be able to fill name and URL of an image and send the data to the server. The request should be **POST**. The server should save the name and the URL in a **memory** **array**. If the name or the URL are null or empty, the server should return a friendly error message.

**HINT**: Search online how to parse the form data on the server.

## Create HTML listing all saved images by their name

The server should return HTML containing all images with links to their details page.

**HINT**: The **HTML** should be a generated **runtime** string depending on the current saved images.

## Create details page for an image

The image should have a details page where the actual image is shown.

**HINT**: The URL should be something like **'/images/details/4'** where **4** should be extracted and it shows the index of the image to show.

## Add menus

Add **links** to all HTML pages. Additionally, add back buttons. All links should not have a static file extension – **'/images/all'**.

## Write a header handler

Write a handler that catches a header with name "**StatusHeader**" and with value "**Full**" and, if such is present to return a "**status.html**" file. That HTML file should show the total number of images.

## Use GULP to minify the HTML

Minify the served HTML with a GULP task.