

MOCK TEST2

In CAPITAL LETTERS, enter your name, surname and student ID number (6-digit index/album number):

TOPIC: Information Technology

DEADLINE: N/A

CREATING A TEAM

1. Create a 3-person team. In exceptional cases, with the consent of the instructor, you can create a 2-person team.
2. Create a public (not private!!!) repository on GitHub related to the topic. Assign all team members to the repository as collaborators.
3. Divide all tasks (see TASKS section) between team members.

TASKS COMPLETION

1. Complete all tasks locally, on a university computer. Upload the task results to GitHub. You can use both Git commands in the terminal window and Git commands in VSCode.
2. Complete each task in a newly created branch. After completing the task, merge the branch with the main/master branch of the repository. Transfer branches to GitHub. Do not delete branches after merging. They are subject to assessment.
3. Complete the tasks and upload them to the remote repository on GitHub no later than deadline. Files modified after the deadline will not be considered for assessment.
4. EVERY STUDENT on the Moodle platform, as a result of the Test:
 - a. Enters a link to the GitHub repository in Moodle.
 - b. Enters a link to the website created.
 - c. Enters the last commit id of the repository
(this number is made up of 40 characters, e.g.
3cd5240148b2e1d007ea0828c15612488a4dc18d;
you can find this number on GitHub by viewing the commit list)

TASKS

Create a website on the given topic, according to the tasks below. The content of each web page is related to the topic. Use only html and css - external, one, common to all pages of the website.

Scoring: 2 pts - task completed 100% correctly, 1 pts - task completed mostly correctly, 0 pts - task completed mostly incorrectly or no task.

1. Create a home page for your website
 - a. Menu at the top right with links to all other pages of the website
 - b. Centered website title
 - c. A paragraph of text, consisting of at least 5 sentences, the entire width of the page, aligned on both sides
 - d. Three columns with three selected topics, in each column the title of the topic and text containing at least 3 sentences, responsiveness of the columns depending on the screen size (on large screens, columns are displayed next to each other,, on smartphones, columns are displayed one above the other)
 - e. At least 3 links to text sources, a link that you point at with your mouse changes its color
2. Create a data page
 - a. Centered page title
 - b. Table with 4 rows and 3 columns, border of each cell single solid line, table header (column titles) with white letters on black background
 - c. Link to syntactically correct XML document, containing at least 4 elements, each of them containing 3 elements and one attribute
 - d. Link to syntactically correct JSON document, containing at least 4 objects, each of them containing 3 pairs of key-value information, values of different types
3. Create an images page
 - a. Centered page title
 - b. Five images from the Internet, image size (width, height) the same for all images, 1 cm gap between images, frame around each image
 - c. Each image with a link to a Wikipedia entry related to the topic
4. Create a form page
 - a. Centered page title
 - b. Two edit fields, one drop-down list, blue background color of edit fields, descriptions for all form elements
 - c. Two green buttons (Save, Cancel)
5. Create an Author Page
 - a. Centered page title
 - b. Numbered list of team members, letter numbering (A, B, C, ...), name and surname, student id, box around the list, list text in bold
 - c. Link to GitHub repository
 - d. Link to CSS file
 - e. Link to GitHub Network Graph with commits and branches of project team members (Github, Insights | Network menu)