



אוניברסיטת בן-גוריון בנגב

Ben-Gurion University of the Negev

جامعة بن-غوريون في النقب

בניית מערכות ממוחשבות מבוססות אינטרנט (WEB)

364-1-1381

Assignment 8

1. Convert your personal website to a Flask project format:
 - a. Create static folder, templates folder and app.py file
 - b. Put all static files (images, css files, js files, etc.) inside static folder
 - c. Put all html files inside templates folder
 - d. Create a proper route to your root page ("/") as it was shown in the lecture
 - e. Update all existing links (<a>, <script>, etc.) inside html files as it was shown in the lecture (hint: `url_for()` function)
2. Create a new route called: 'assignment8'. This route will lead to a new template (created by you) called 'assignment8.html'. This template will, for instance, demonstrate your hobbies or/and preferences in music/art/films.
3. Inside this new template ('assignment8.html'):
 - a. Use at list one filter applied on any variable
 - b. Demonstrate at list one usage of include function
 - c. Demonstrate at list one usage of conditions (if, else, elif)
 - d. Demonstrate at list one usage of any kind of loops
 - e. Demonstrate at list one usage of a block

Additional Remarks:

- You can add as many new templates and static files as you wish
- You can also choose another topic to a new template (not your hobbies or preferences)

Additional resources:

- Jinja: <https://jinja.palletsprojects.com/en/2.11.x/>
- List of built-in filters in Jinja:
<https://jinja.palletsprojects.com/en/2.11.x/templates/#list-of-builtin-filters>

Submission of the assignment:

- You need to create a **short** report with descriptions of what you did in **bullet points**. It will help us to see the changes you did and where we can find them in your GitHub repo.
- Attach the link to your GitHub repo at the top of the report.
- Write down your name and ID at the title.
- The length of the report doesn't have to be more than one paper.
- The format of the report – **PDF** file.
- You need upload this report in a special submission box in the Moodle website.