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בניית מערכות ממוחשבות מבוססות אינטרנט (WEB)

364-1-1381

Assignment 8

1. Convert your personal website to a Flask project format:
   1. Create static folder, templates folder and app.py file
   2. Put all static files (images, ccs files, js files, etc.) inside static folder
   3. Put all html files inside templates folder
   4. Create a proper route to your root page (‘/’) as it was shown in the lecture
   5. 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’*):
   1. Use at list one filter applied on any variable
   2. Demonstrate at list one usage of *include* function
   3. Demonstrate at list one usage of conditions (if, else, elif)
   4. Demonstrate at list one usage of any kind of loops
   5. 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.