



Non-Graded Lab Assignment-1 – CSF416, Web Technologies and Applications, ODD Sem, 2024

Student Name: Nidhi Singh ID: 1000016557

Major: Btech IT

Instructions

- There are **3** questions in this assignment.
- Email/paper/other modes of submissions will not be accepted.
- Upload a word **version** of this document.
- Submit the assignment by the due date and time.

Due Date: 20/8/24, 4 pm

Submitting this Assignment

You will submit (upload) this assignment in MS Teams. Name this document as NGLA1_AJPODD2024_John_Doe.doc in case your name is John Doe, and this non-graded lab assignment is no. 1 of course whose acronym is AJP, and offered in ODD 2024. Paste your code after each question, paste the screenshot of output, save and upload the document.

Grading Scheme: This assignment has 0 Marks. However, students must submit the complete assignment by the due date and time.

Question 1:

Implement the anchor tag used for the external links in the web page

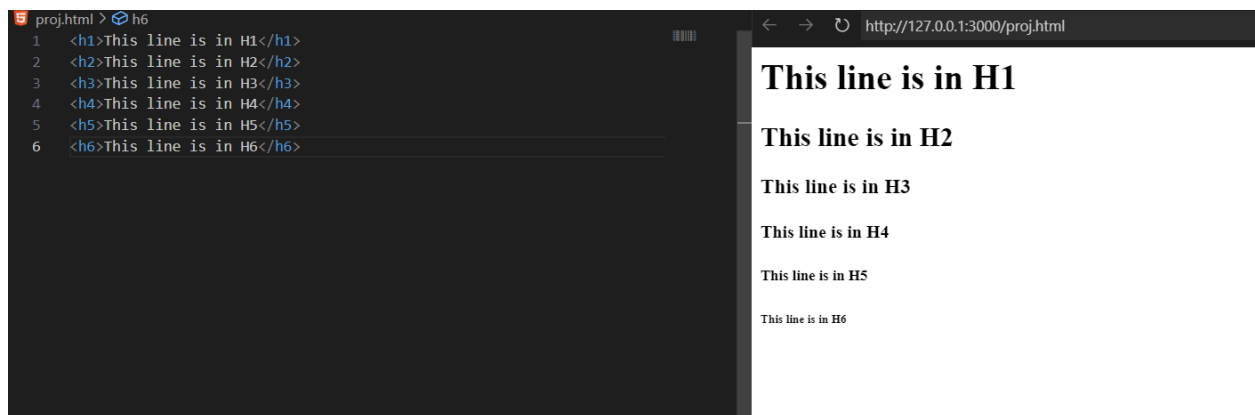
```
1 <p>You can reach Nidhi at:</p>
2
3 <ul>
4   <li><a href="https://www.instagram.com/">Website</a></li>
5   <li><a href="mailto:Nidhi13623@example.com">Email</a></li>
6   <li><a href="tel:+919045230321">Phone</a></li>
7 </ul>
8
```

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Question 2:

Implement all the headings (H1-H6)



```
proj.html > h6
1 <h1>This line is in H1</h1>
2 <h2>This line is in H2</h2>
3 <h3>This line is in H3</h3>
4 <h4>This line is in H4</h4>
5 <h5>This line is in H5</h5>
6 <h6>This line is in H6</h6>
```

The browser window displays the rendered HTML content. The address bar shows the URL `http://127.0.0.1:3000/proj.html`. The page content consists of six lines of text, each rendered with a different heading level: **This line is in H1**, **This line is in H2**, **This line is in H3**, **This line is in H4**, **This line is in H5**, and **This line is in H6**.

Question 3:

Create a static page to present the information of the courses you have enrolled in this semester. You can use multiple paragraph tags for different subjects. The output should include the following for all the enrolled subject:

- Subject Name
- Course Code
- Summary of the subject
- Topics learned so far

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```
proj.html > ul > li
1 <ul>
2   <li type="square"> Subject Name = <b>devOps</b>
3   </li>
4   <li type="square">
5     Course Code = CSF374
6   </li>
7   <li type="square">
8     Summary of the subject = DevOps is the combination of cultural philosophies, practices, and tools that increases an organization's ability to deliver applications and services at high velocity:
9     evolving and improving products at a faster pace than organizations using traditional software development and infrastructure management processes.
10    </li>
11    <li type="square">
12      Topics learned so far = Project management,CI/CD pipelines.
13    </li>
14  </ul>
15 <ul>
16 <li type="square"> Subject Name = <b>internet of things</b>
17 </li>
18 <li type="square">
19   Course Code = CSF444
20 </li>
21 <li type="square">
22   Summary of the subject = What is the Internet of Things (IoT)? The term IoT, or Internet of Things, refers to the collective network of connected devices and the
23   technology that facilitates communication between devices and the cloud, as well as between the devices themselves
24 </li>
25 <li type="square">
26   Topics learned so far = the interlinking of digital devices,Decives, Machines.
27 </li>
28 </ul>
29 <ul>
30 <li type="square"> Subject Name = <b>Web technologies</b>
31 </li>
32 <li type="square">
33   Course Code = CSF416
34 </li>
35 <li type="square">
36   Summary of the subject = Web technology is a broad term that refers to the tools, protocols, and languages used to create, deliver, and interact with content on the internet.
37   It includes the methods and tools used to communicate between computers and devices via the internet, and to create websites and web applications
38 </li>
39 <li type="square">
40   Topics learned so far = Markup languages like HTML,Markup languages like HTML
41 </li>
42 </ul>
43 </ul>
44
```

output:

- Subject Name = **devOps**
- Course Code = CSF374
- Summary of the subject = DevOps is the combination of cultural philosophies, practices, and tools that increases an organization's ability to deliver applications and services at high velocity: evolving and improving products at a faster pace than organizations using traditional software development and infrastructure management processes.
- Topics learned so far = Project management,CI/CD pipelines.
- Subject Name = **internet of things**
- Course Code = CSF444
- Summary of the subject = What is the Internet of Things (IoT)? The term IoT, or Internet of Things, refers to the collective network of connected devices and the technology that facilitates communication between devices and the cloud, as well as between the devices themselves
- Topics learned so far = the interlinking of digital devices,Decives, Machines.
- Subject Name = **Web technologies**
- Course Code = CSF416
- Summary of the subject = Web technology is a broad term that refers to the tools, protocols, and languages used to create, deliver, and interact with content on the internet. It includes the methods and tools used to communicate between computers and devices via the internet, and to create websites and web applications
- Topics learned so far = Markup languages like HTML,Markup languages like HTML