NATIONAL TECHNICAL UNIVERSITY OF UKRAINE

"IGOR SIKORSKY KYIV POLYTECHNIC INSTITUTE"

Faculty of Informatics and Computer Engineering

Department of Computer Engineering

Laboratory work No 1

Web Programming Basics

" Creating a Web site using HTML, CSS"

2nd year student

groups of IP-98

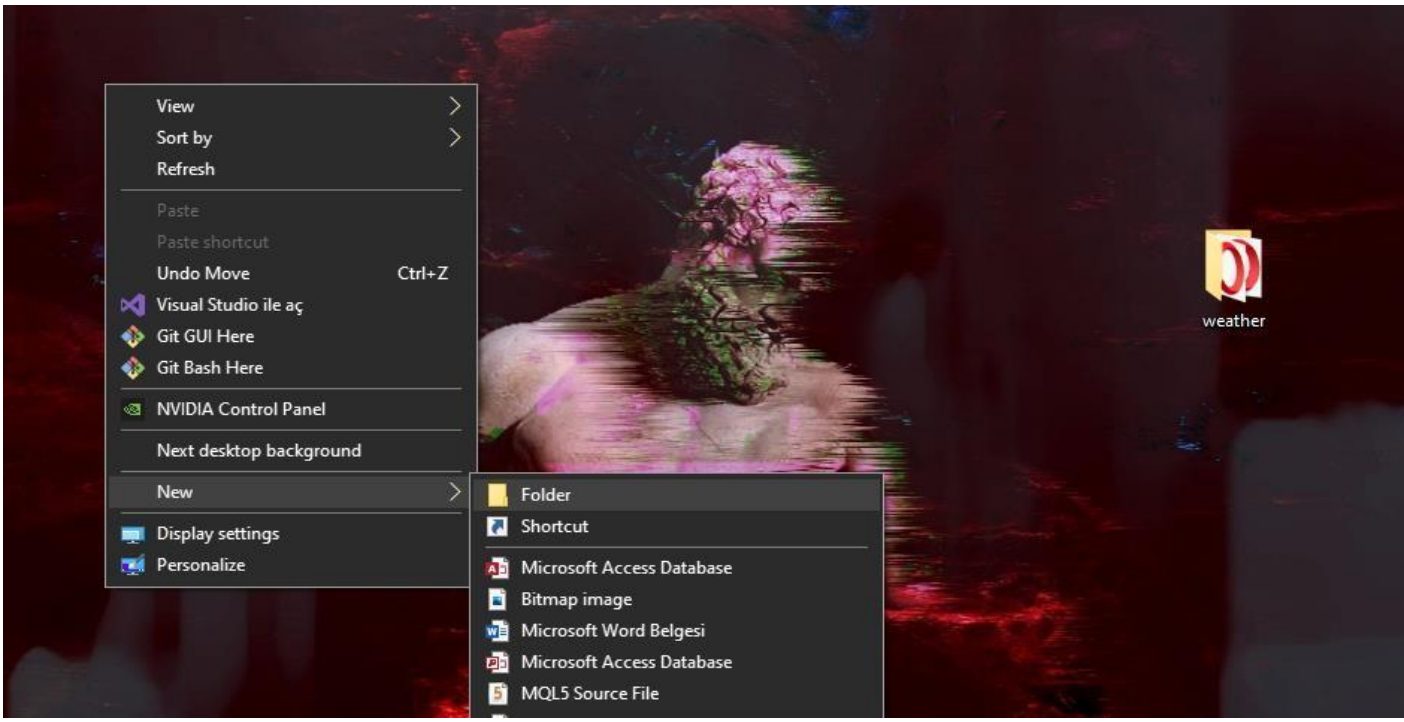
CEM KOYLUOGLU

Kyiv 2021

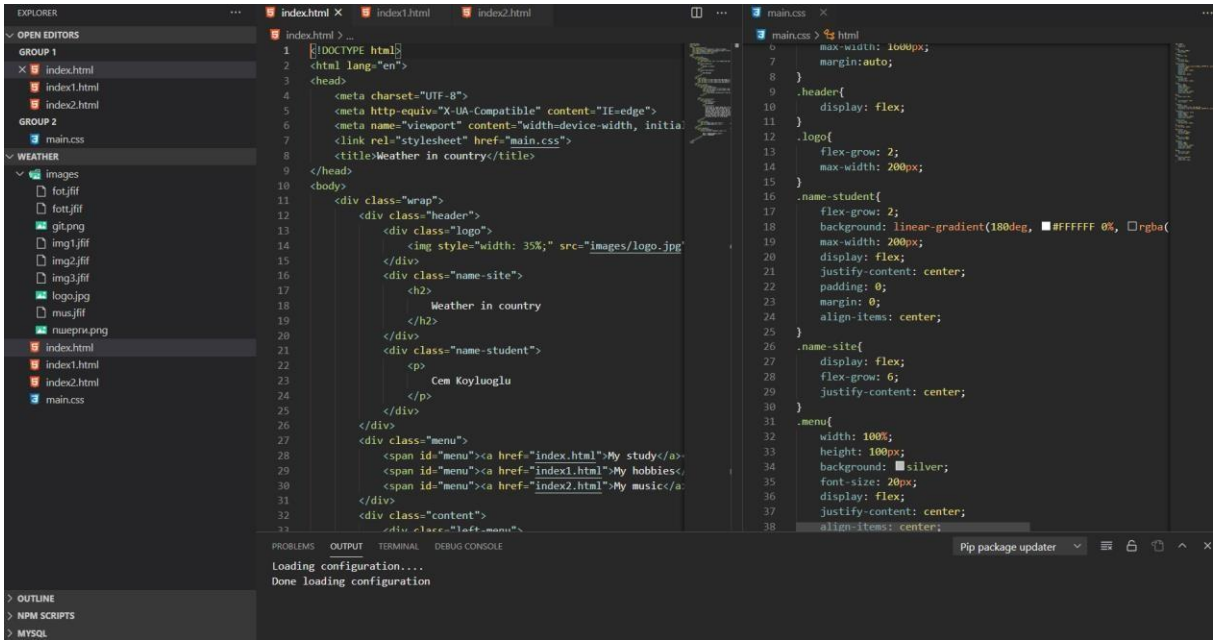
TASK 5

5	left	Your country's weather website Your country news site https://github.com/	green, white

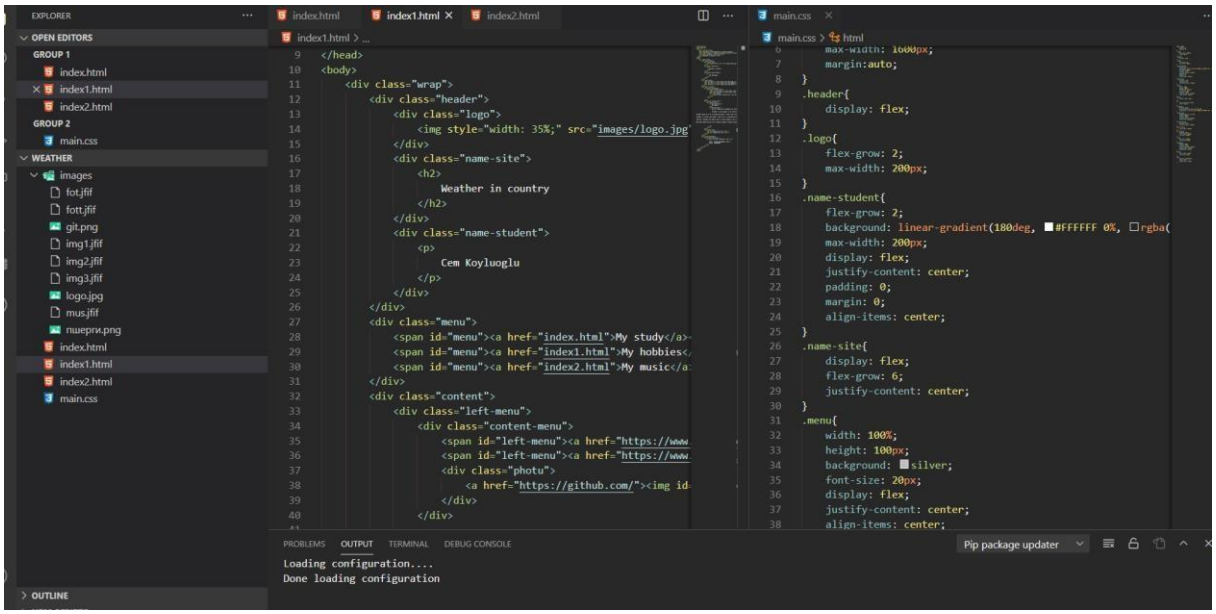
1. CREAT A PROJECT FOLDER



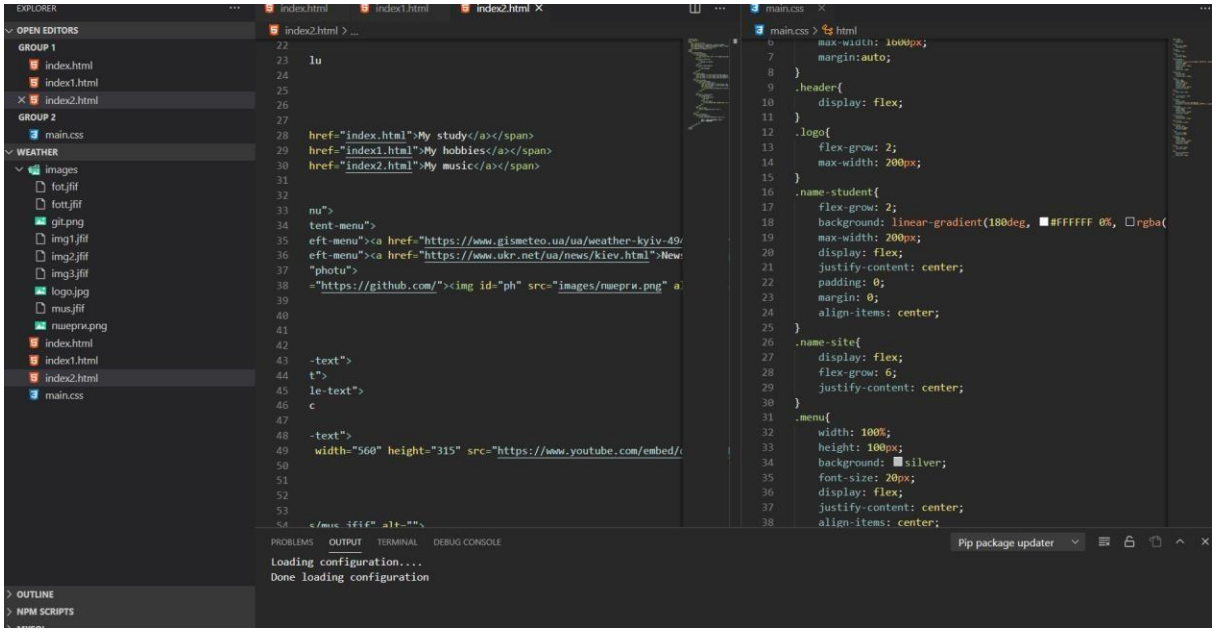
2. MY STUDY



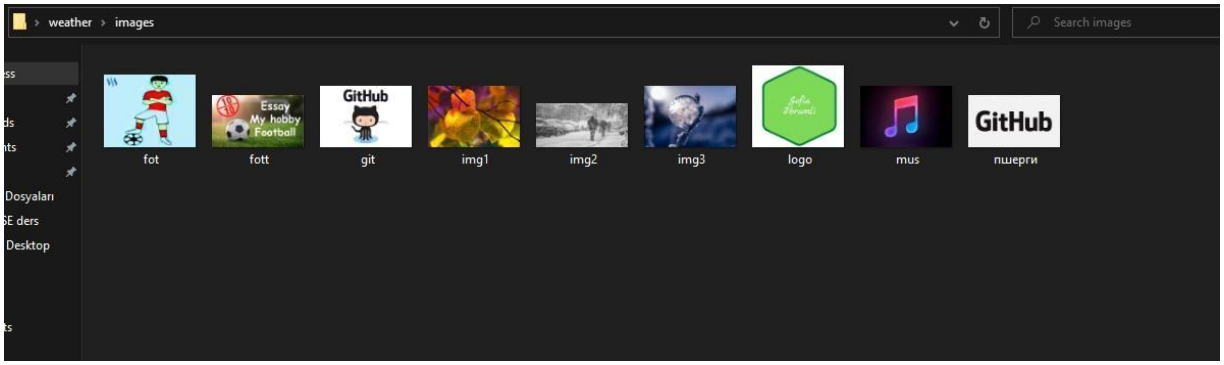
3. MY HOBBIES



4. MY MUSIC



5. IMAGE



RESULT

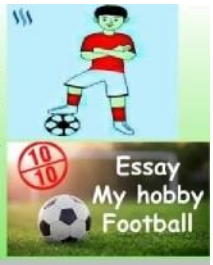
Weather in country

Cem Koyluoglu

My study My hobbies My music

My hobbies

All my friends and classmates are very active people. We like camping, going for excursions and any outdoor activities. When we stay together we play different sport games. My favorite game is football. I have been playing football since I was 8. This game is just fantastic and I am a big fan of Messi, Beckham and our Russian football players. When I have possibility I go on football matches with my dad and friends. It is very cool and exciting. Football is very popular in my country. We play football at school every week during physical education. What is more when I go out with my friends I also play this game. I can not say I am the best football player, but I usually run a lot and have big experience in scoring goals. I am a captain of the team and I always inspire the guys. I know it can be good or bad game, we can win or lose, but for me only the fact of the game is important and interesting. We are friends and we know it's just a game. Football gives me a lot of energy and power. I never feel tired even after 2-3 hours of running. This is the way how I communicate with my friends and I can even meet new people. Very often the other boys come to us and ask to join the game. It's always a pleasure for me. Football is a great sport game. I move a lot, I concentrate my attention and I am in contact all the time. Thanks to these things my body is fit and I feel excellent. Children, teenagers and adults adore to play football in my country. Girls don't understand this game, but I know only real men play football. Who knows maybe one day I will become a popular football player. I would like to have this career in future and do the thing that I like so much. I know many guys like to play football, but for me it's not just a hobby. Football is my lifestyle and I would play this game every day.



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Contacts:
Email: Cemkoyluoglu@gmail.com
Phone: +890900900

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My music

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My Biography

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.

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Contacts:
Email: CemKoyluI@gmail.com
Phone: +890900900

ANSWERS

- 1. What stages of website creation do you know?

- Goal identification. The initial stage is all about understanding how you can help your client. ...
- Scope **definition**. ...
- Sitemap and wireframe creation. ...
- Content creation. ...
- Visual elements. ...
- **Testing**. ...
- **Launch**.

2. What are HTML, CSS, JS used for?

The same way the internet connects us, there are special web languages that work together to make up the internet and the websites it contains. **HTML**, **CSS** and **JavaScript** work together to form the front-end design of a website by applying information that affects content, style and interactivity of a site.

3. What should be the structure of the web project?

A **website's structure** refers to how the **website** is set up, i.e. how the individual subpages are linked to one another. It is particularly important that crawlers can find all subpages quickly and easily when websites have a large number of subpages.

4. What is the structure of the HTML code?

An HTML document has two main parts: the head and the **body**. But firstly every HTML document should start by declaring that it is an HTML document. These tags are of the form: <html>

5. How to connect CSS to HTML?

1. Define the style sheet. ...
2. Create a **link** element in the **HTML** page's head area to define the **link** between the **HTML** and **CSS** pages. ...
3. Set the **link**'s relationship by setting the rel = “stylesheet” attribute. ...
4. Specify the type of style by setting type = “text/**css**“.

6. How to connect external / internal links to the page?

Internal Links vs. **External Links**. **Internal links** are hyperlinks that direct the reader to a target page on your website, whereas an **external link** is a hyperlink that directs the reader to a reputable page on a different website

7. What are the main elements of a web page?

1. 1 Navigation. The website design should be easy to navigate and the menu items should easily accessible from any page. ...
2. 2 Visual Design. ...
3. 3 Content. ...
4. 4 Web Friendly. ...

5. 5 Interaction. ...
6. 6 Information **Accessibility**. ...
7. 7 Intuitiveness. ...
8. 8 Branding.

8. What is the difference between a fixed and a "rubber" layout of a web page?

Layout types and their **difference** are described **in** this blog. ... During the **layout** process, an expert creates the **web site** prototype to give it its ... two **layout** types at once — **for** example, **rubber for** content and **fixed for** sidebar.

9. What class naming rules do you know?

Class names should be nouns, in mixed case with the first letter of each internal word capitalized. Try **to** keep your **class names** simple and descriptive. Use whole words-avoid acronyms and abbreviations (unless the abbreviation is much more widely used than the long form, such as URL or HTML).

10. Why we use <head> and <meta> tags in HTML document?

The <**meta**> **tag** defines **metadata** about an **HTML document**. **Metadata** is data (information) about data. <**meta**> **tags** always go inside the <**head**> **element**, and are typically **used** to specify character set, **page description**, **keywords**, author of the **document**, and viewport settings.

11. Which basic HTML tags do you know?

Basic HTML

Tag	Description
<!DOCTYPE>	Defines the document type
<html>	Defines an HTML document
<head>	Contains metadata/information for the document
<title>	Defines a title for the document

<body>	Defines the document's body
<h1> to <h6>	Defines HTML headings
<p>	Defines a paragraph
 	Inserts a single line break
<hr>	Defines a thematic change in the content
<!--...-->	Defines a comment

12. Which tag is used to add a picture to a web page?

<img

In order to put a simple image on a webpage, we use the <**img**> element. This is an empty element (meaning that it has no **text** content or closing tag) that requires a minimum of one attribute to be useful — **src** (sometimes spoken as its full **title**, source)

13. Which tag is used to add a hyperlink to a web page?

To make a hyperlink in an HTML page, use the <a> and </a> tags, which are the tags used to define the links. The <a> tag indicates where the hyperlink starts and the </a> tag indicates where it ends. Whatever **text** gets added inside these tags, will work as a hyperlink

14. Why we use record <meta charset=”UTF-8”> in HTML document?

Simply put, when **you** declare the "**charset**" as "**UTF-8**", **you** are telling your browser to **use** the **UTF-8 character encoding**, which is a method of converting your typed characters into machine-readable code

15. What is the difference in HTML4 and HTML5 document structure?

In **html5** for client and server communication support, it contains web sockets that allow full duplex communication between clients and servers, while in case of **html4** communication between the client and server was done through streaming and long polling, since there were no web sockets available in **HTML4**.

16. Which common Web Page Layouts do you know?

1. The Zig-Zag Layout. ...
2. The F Layout. ...
3. Full Screen Photo. ...
4. **Grid** Layout. ...
5. One-**Column** Layout. ...
6. Featured Image Layout. ...
7. Asymmetrical Layout. ...
8. Split Screen Layout.