

# Frontend Development



# Web Dasturlash



# Reja 1:

1. Internet
2. Client server texnologiyasi
3. Ip va domain
4. Browser
5. Murakkab arxitekturalar
6. Frontend va Backend
7. HTML, CSS, JS
8. Birinchi loyiha

# Internet





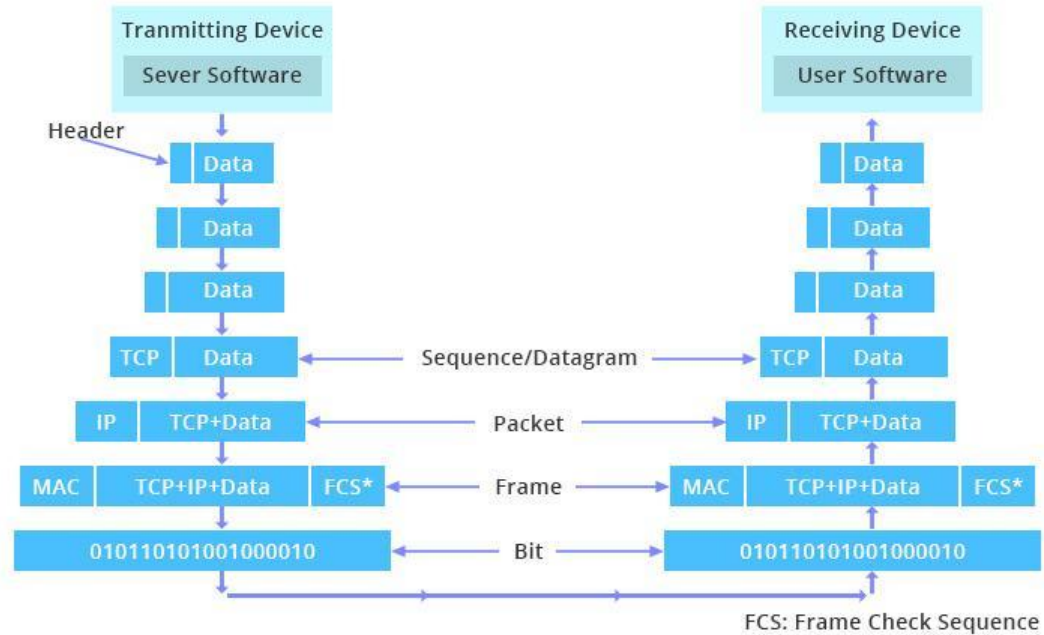
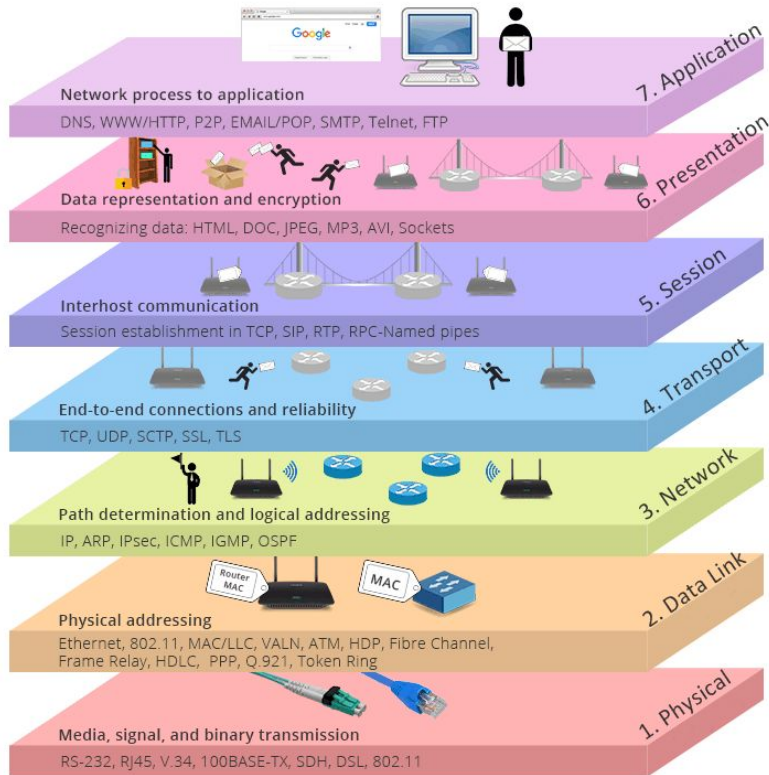
01100101001 001001001001 000101010101 0101010101010



01100101001 001001001001 000101010101 0101010101010





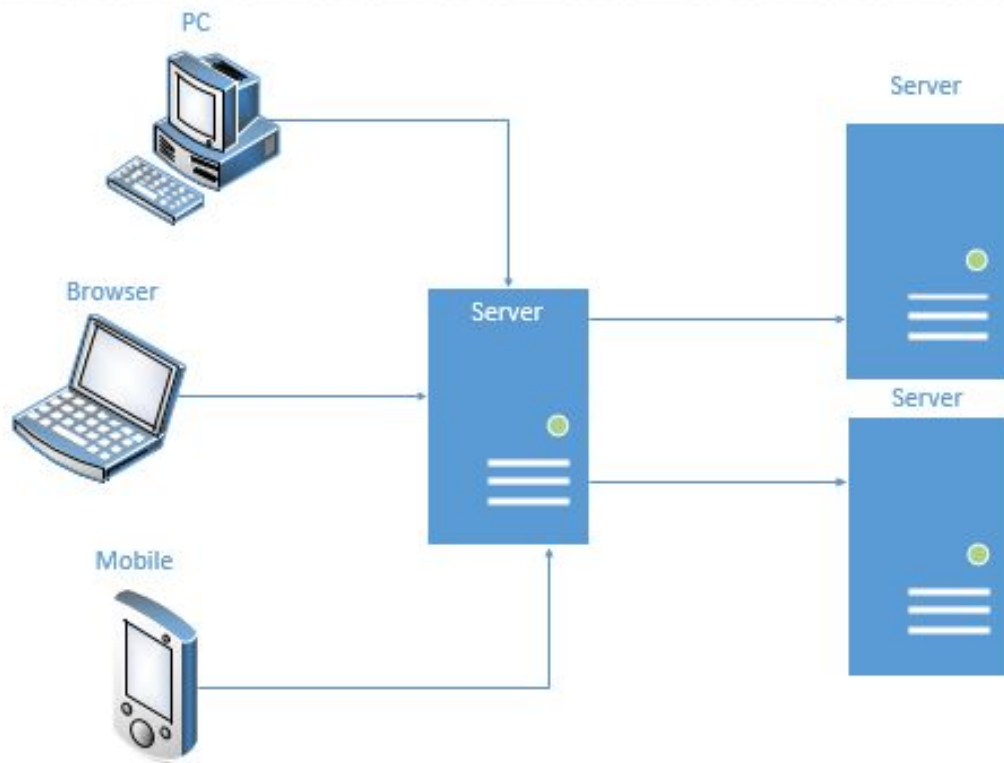


# Client Server technology





# Murakkab arxitektura



# IP va Domain

192.168.1.1



Protocol

Sub-Domain

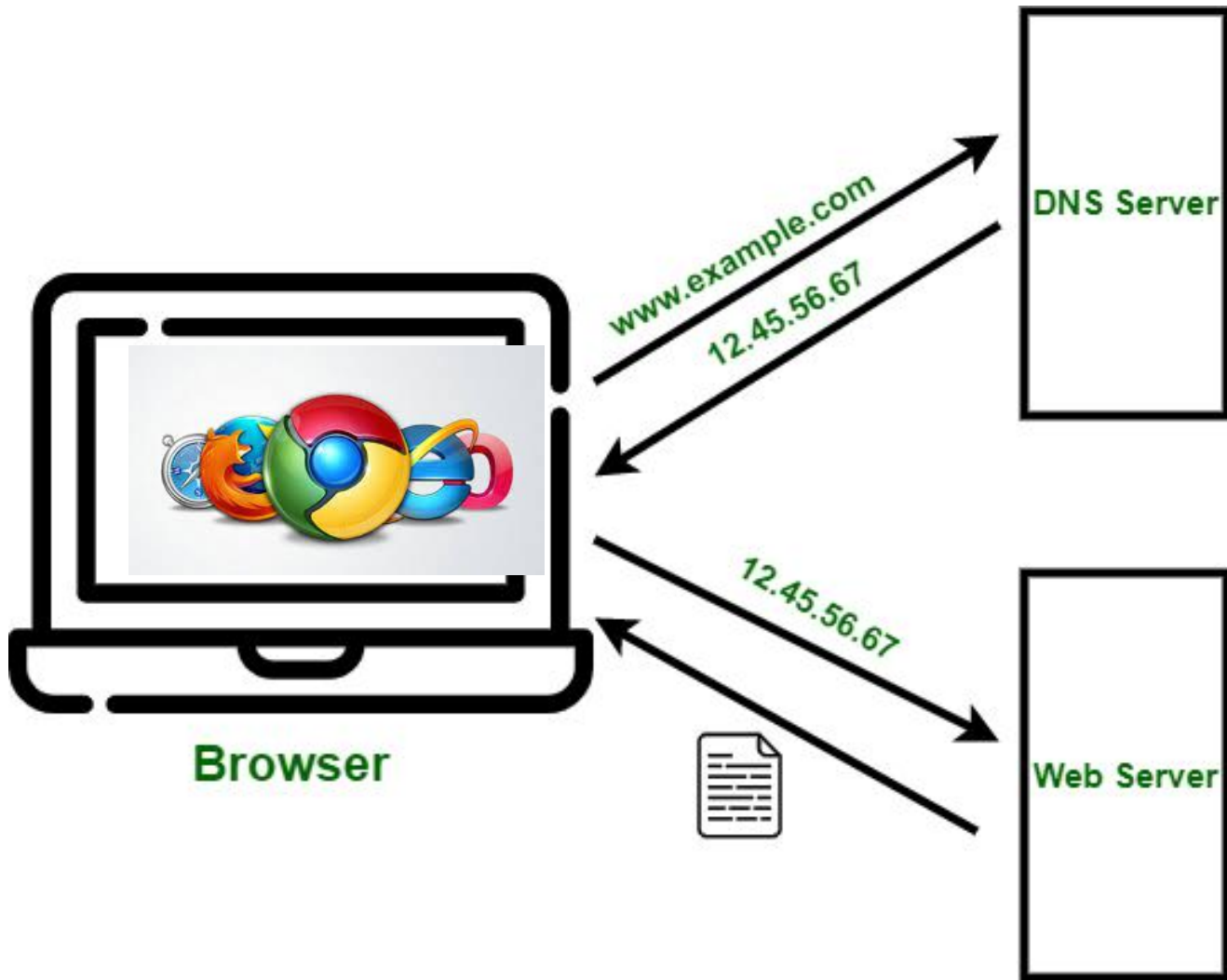
Domain  
Name

Top-Level  
Domain

**http://www.joomtut.com**

**Root Domain**

*Includes Domain Name and  
a Top-Level Domain*



## Frontend

(Developer builds)

- User interface
- Client-side logic



## Backend

(Vendor provides as a service)

- Database management
- Cloud storage
- User authentication
- Push notifications
- Hosting

## Hyper Text Markup Language

HTML



## Cascading Stylesheets

CSS

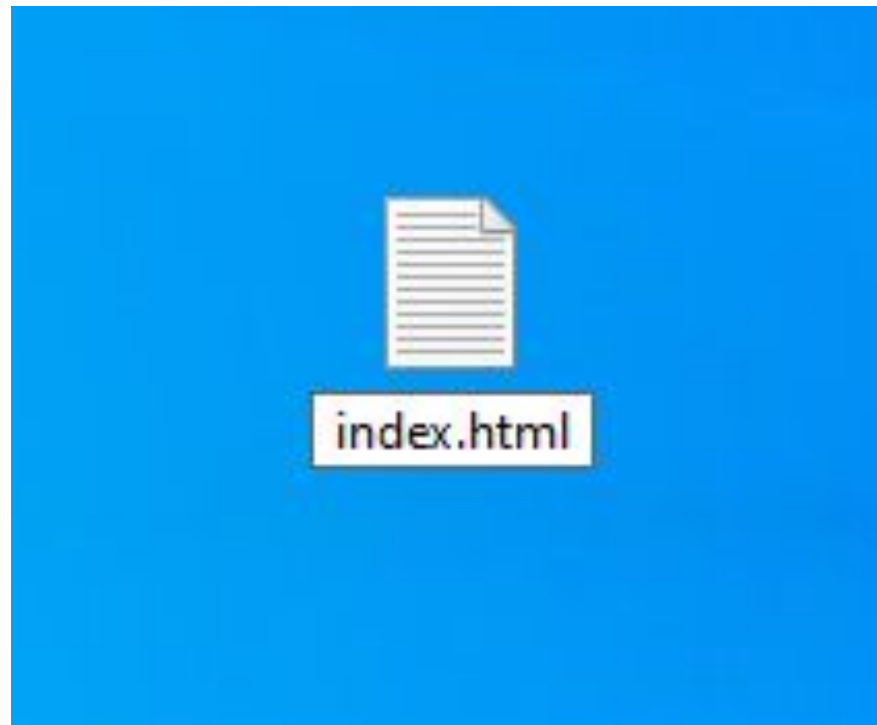
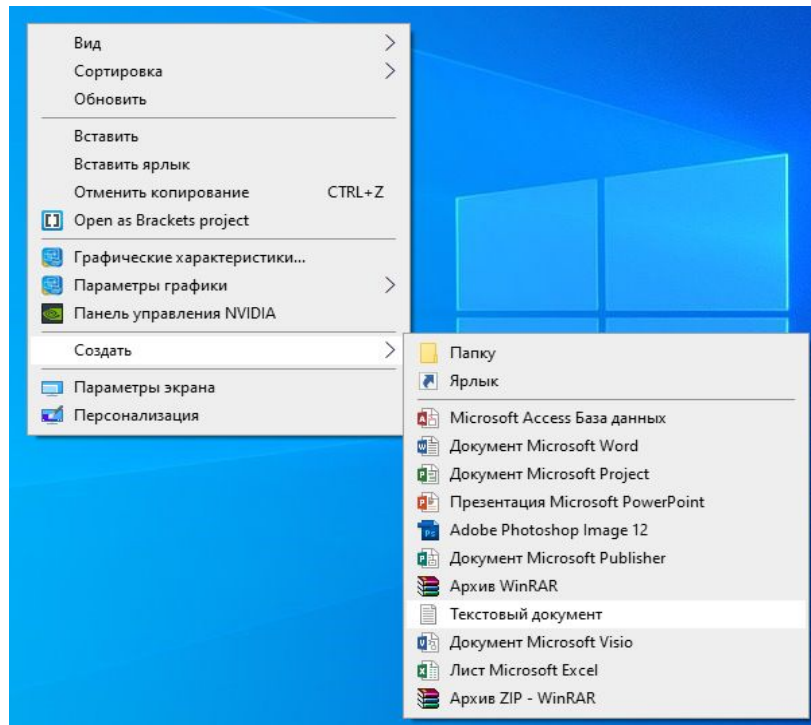


## JS

JavaScript



# Birinchi loyiha



# Vazifa

Google Chrome o'rnatish

VS Codeni o'rnatish

'Hello World' yozuvni chiqarish



# **HTML asoslari**

Dasturlash tillarining asosiy begilaridan biri bu **MANTIQ**

Masalan: tanlovlar (if)

Agar unday bo'lsa buni qil, bunday bo'lsa buni qil

Html da bu narsa yoq

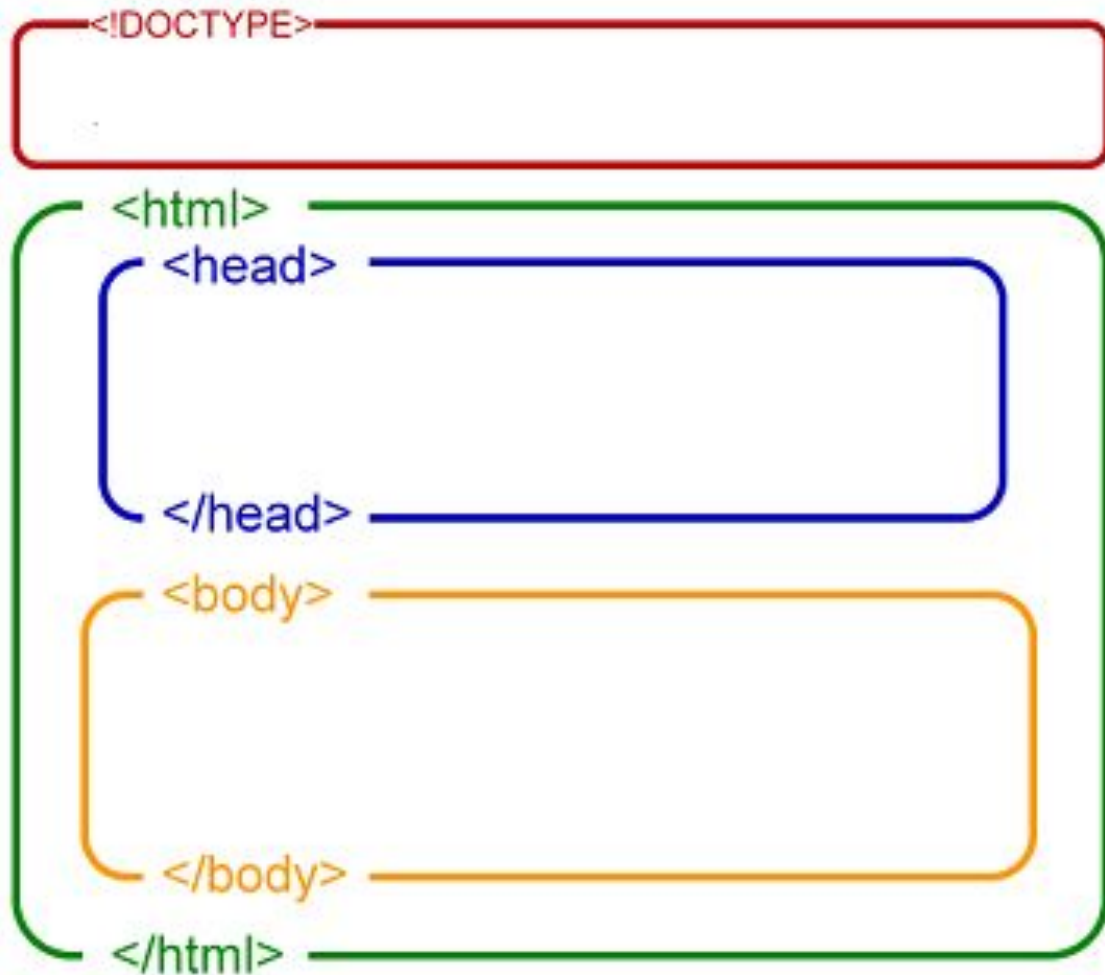
Html - elementlarni(text,rasm, paragraf va hk) brauzerda ko'rsatish uchun



# Tag



# DOM



## HTML5

```
<!DOCTYPE html>
```

## HTML4.01 Strict

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01//EN" "http://www.w3.org/TR/html4/strict.dtd">
```

## XHTML 1.0 Strict

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"  
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
```

```
<html>
```

```
<head>
```

```
<title>Page title</title>
```

```
</head>
```

```
<body>
```

```
<h1>This is a heading</h1>
```

```
<p>This is a paragraph.</p>
```

```
<p>This is another paragraph.</p>
```

```
</body>
```

```
</html>
```

**<!DOCTYPE html>** - browser har xil versiyalarni aralashtirmasligi uchun. Masalan XHTML, HTML, HTML5

**<html> ... </html>** - asosiy tag

**<head> ... </head>**- browserga yordamchi tag lar bilan ishlash uchun. Ichidagi hech bir tag browserdagi ko'rinishga ta'sir qilmaydi, title tagidan tashqari. Browserga ushbu sahifa haqida ma'lumot beradi.

**<body> ... </body>** - web sahifaning browserda shakllanadigan qismi



# H taglar oilasi

- <h1> This is h1 </h1>
- <h2> This is h2 </h2>
- <h3> This is h3 </h3>
- <h4> This is h4 </h4>
- <h5> This is h5 </h5>
- <h6> This is h6 </h6>

**This is h1**

**This is h2**

**This is h3**

**This is h4**

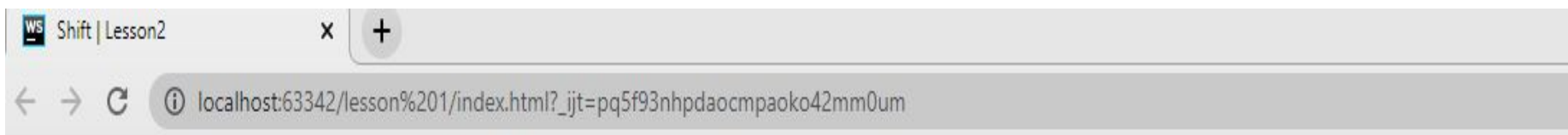
**This is h5**

**This is h6**

# P - Paragraph tegi

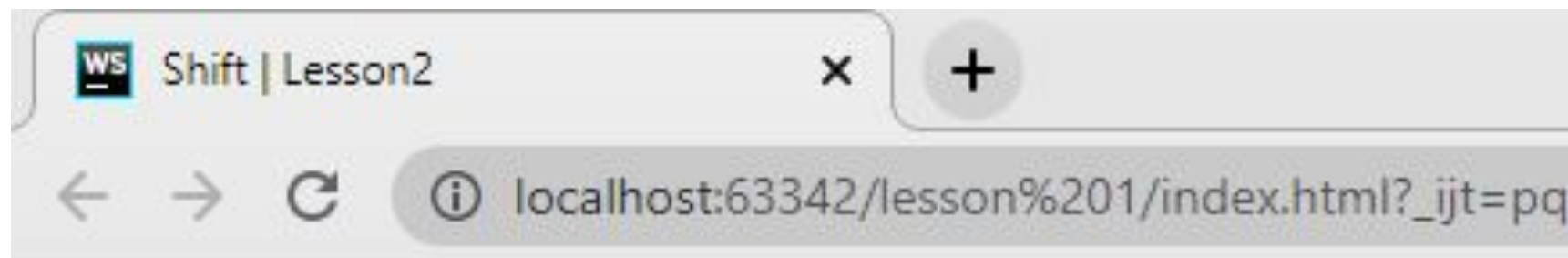
`<p>` istalgan yozuv alohida abzasdan chiqadi `</p>`

```
index.html x
1 <html>
2   <head>
3     <title>Shift | Lesson2</title>
4   </head>
5   <body>
6     Lorem ipsum dolor sit amet, consectetur adipisicing elit. Accusantium
7
8     Lorem ipsum dolor sit amet, consectetur adipisicing elit.
9
10    Lorem ipsum dolor sit amet.
11
12  </body>
13 </html>
```



Lorem ipsum dolor sit amet, consectetur adipisicing elit. Accusantium laboriosam! Lorem ipsum dolor sit amet, consectetur adipisicing elit. Lorem ipsum dolor sit amet.

```
index.html x
1 <html>
2   <head>
3     <title>Shift | Lesson2</title>
4   </head>
5   <body>
6     <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit. Neque.</p>
7     <p>Lorem ipsum dolor sit amet, consectetur.</p>
8     <p>Lorem ipsum dolor sit amet, consectetur adipisicing.</p>
9   </body>
10 </html>
```



Lorem ipsum dolor sit amet, consectetur adipisicing elit. Neque.

Lorem ipsum dolor sit amet, consectetur.

Lorem ipsum dolor sit amet, consectetur adipisicing.

# Tag lar turlari

## Toq Taglar

- `<br>`
- `<hr>`
- `<img>`

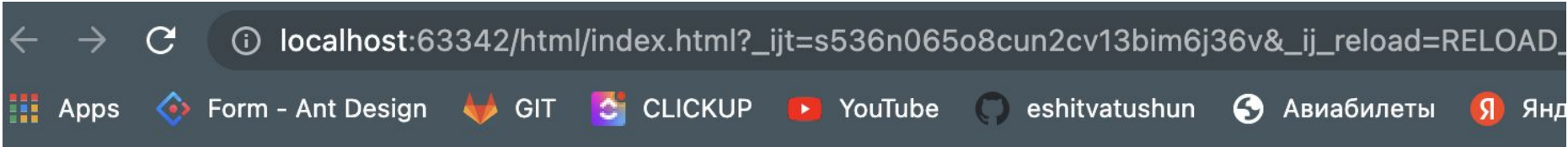
## Juft Taglar

- `<p>content</p>`
- `<h1>content</h1>`
- `<html> ... </html>`
- `<table>...</table>`

## Formatlash elementlari:

- <b> - Qalin matn
- <strong> - Muhim matn
- <i> - kursiv matn
- <em> - ta'kidlangan matn
- <mark> - Belgilangan matn
- <small> - Kichikroq matn
- <del> - o'chirilgan matn
- <ins> - Kiritilgan matn
- <sub> - pastki matn
- <sup> - ustki matn
- <pre> - probellar va linebreaklarni ko'rish uchun
- <q> - qo'shtirnoq qo'shish

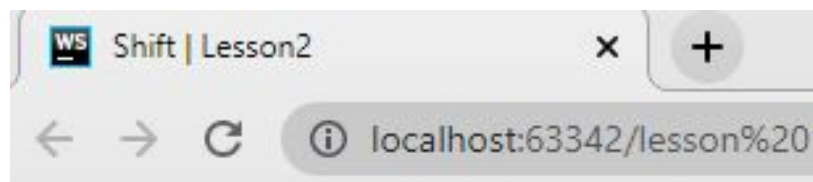
```
<p title="test worked">This is the test of link attribute</p>
```



This is the test of link attribute

test worked

```
<p id="maqola1">Lorem ipsum dolor.</p>
<p id="maqola2">Lorem ipsum dolor.</p>
<p id="maqola3">Lorem ipsum dolor.</p>
```



Lorem ipsum dolor.

Lorem ipsum dolor.

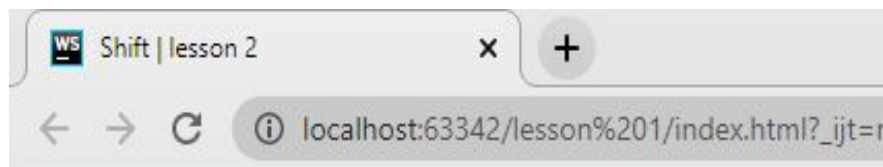
*Lorem ipsum dolor.*



```

```

```
<a href="https://google.com">Googlga o'tish</a>
```

A screenshot of a periodic table of elements. The table is color-coded: red for alkali and alkaline earth metals, yellow for nonmetals, blue for transition metals, and green for lanthanides and actinides. The elements are arranged in rows and columns, with their chemical symbols and names visible.

[Googlga o'tish](https://google.com)

*<!-- This is a comment-->*  
*Ctrl+?, Ctrl+Shift+?*



```
index.html x
1 <html>
2   <head>
3     <title>Shift | Lesson2</title>
4   </head>
5   <body>
6     <!-- <p style="font-size: 20px">Lorem ipsum dolor sit amet, consectetur adipisicing elit. Neque.</p>-->
7     <!-- <p>Lorem ipsum dolor sit amet, consectetur.</p>-->
8     <!-- <p>Lorem ipsum dolor sit amet, consectetur adipisicing.</p>-->
9   </body>
10  </html>
```

# Web Developers, Inc.

1. Home
2. Products
3. Services
4. About
5. Contact
  - Advertising
  - Marketing
  - Sales
  - The CEO

## Related Brands

- Altostrat Corp
- SisterCompany Inc.
- Organic City

## Sign Up

Welcome to our sample web page. We'll be dissecting this page piece by piece to show you the best ways to use HTML, CSS and Javascript.

Completion Exercise: UL

file:///E:/Work/Website/Courses/BIT116/

Mike

Things That Make Me Sneeze:

I wanted to put together a quick list of stuff that makes me sneeze.

It's because I keep forgetting to avoid this stuff, and maybe if I write it down then I'll remember it. Particular the one about the sawdust

- Dust
- Ground Black Pepper
- Doing the following:
  - Cutting some wood using a saw
  - Forgetting to clean the dust off
  - Looking at the cut real close in order to make sure that it's right
  - Breathing in
    - It's worse when I breathe in slowly and get a real lung-full of fresh sawdust
    - The sawdust does smell nice, though
- The Next Funny Item
- The Final, Deeply Insightful Item

# Welcome!



The domestic cat<sup>[1][2]</sup> (*Felis catus*<sup>[2]</sup> or *Felis silvestris catus*<sup>[4]</sup>, informally *Felis domesticus*<sup>[6][7]</sup>) is a small, usually furry, domesticated, carnivorous mammal. It is often called the housecat when kept as an indoor pet,<sup>[8]</sup> or simply the cat when there is no need to distinguish it from other felids and felines. Cats are valued by humans for companionship and ability to hunt vermin and household pests. They are primarily nocturnal.<sup>[9]</sup>