Introduction to HTML & CSS

FIRST STEP TO BE A SMARTER

Table of Contents

01 Who is front-end developer

02 What is Internet and how it works

03 How the web works

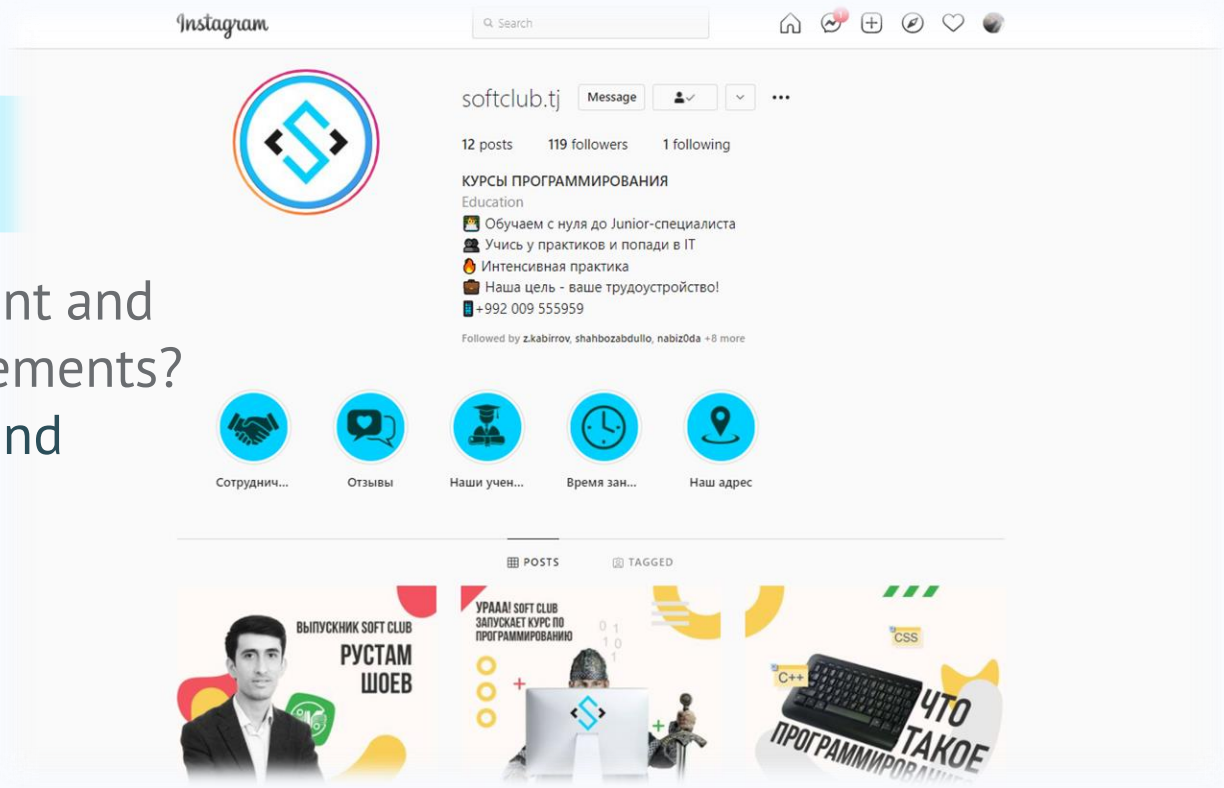
04 Editor - vs code

Who is front-end developer

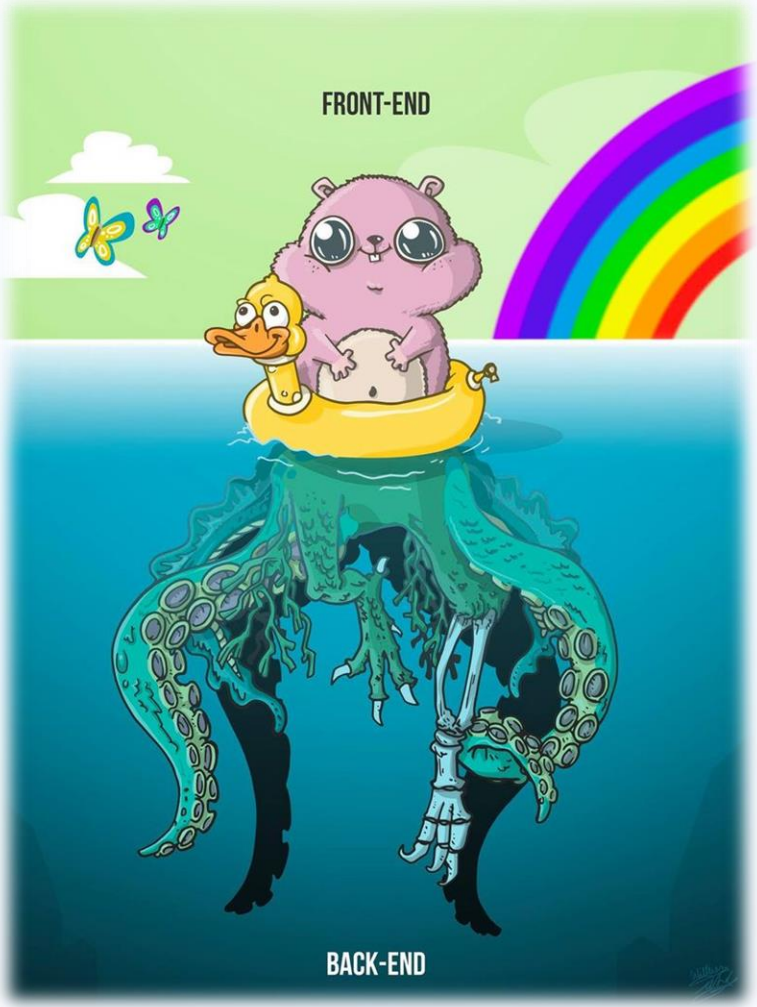
Front-end web developer is someone who create graphical user interface of a website, through the use of HTML, CSS, and JavaScript, so that users can view and interact with that website.

Front-end

You see the arrangement and well ornamented elements? This is done by Front-End developers



Front-End vs Back-End



File Edit Selection View Go Run Terminal Help index.html - test - Visual Studio Co...

Get Started | index.html

index.html > html

```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta http-equiv="X-UA-Compatible" content="IE=edge">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>Document</title>
8  </head>
9  <body>
10     <h1>Hello dear Students</h1>
11     <img src="/images/quote1.png" alt="" height="300" width="400">
12 </body>
13 </html>
```

Code

Document

127.0.0.1:5500/index.html

Apps | most | Learn chess - by pla... | Educational Codefo... | Other bookmarks | Reading list

Hello dear Students

Result

02

What is Internet and how it works?

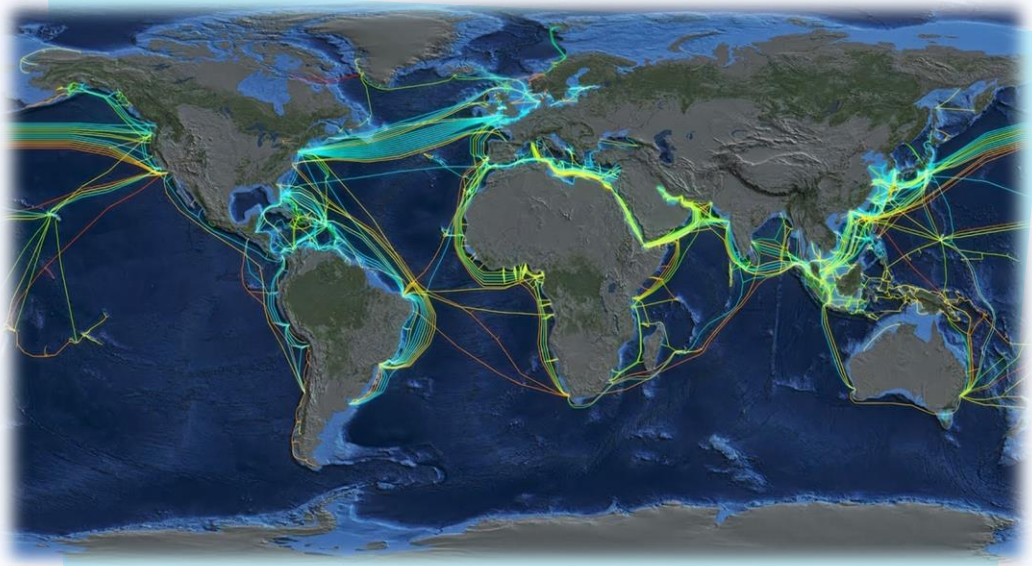
Definition of Internet

The **Internet** is a connection of two or more computers or electronic devices for sharing data.

Duston what do you think? How I am connected with my friend in USA?

By satellite?

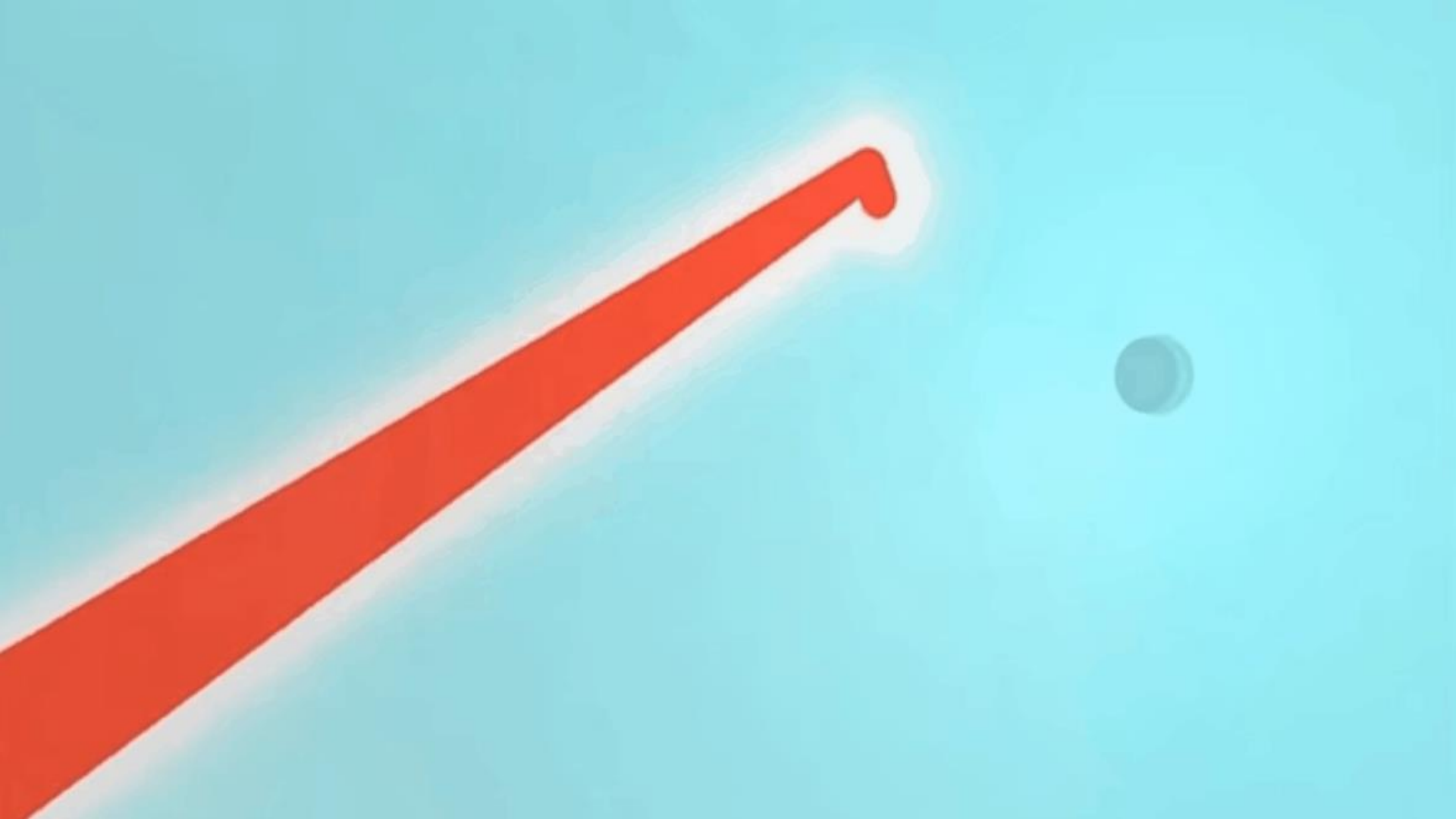
The reality



The reality is world is connected through oceans with fiber optics cables.

Yeees fyber cabels.

fiber optics cables



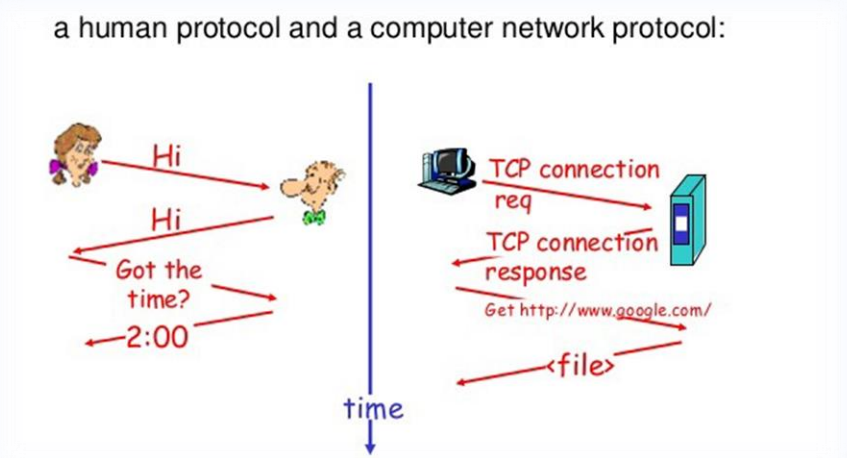
How Web Works

When you create a website
you place all your website's folder and files on server.
Then it will be accessible to all clients.
Example : when you write www.softclub.tj
The request goes to server which softclub website is stored
Then response will be sent back to you.

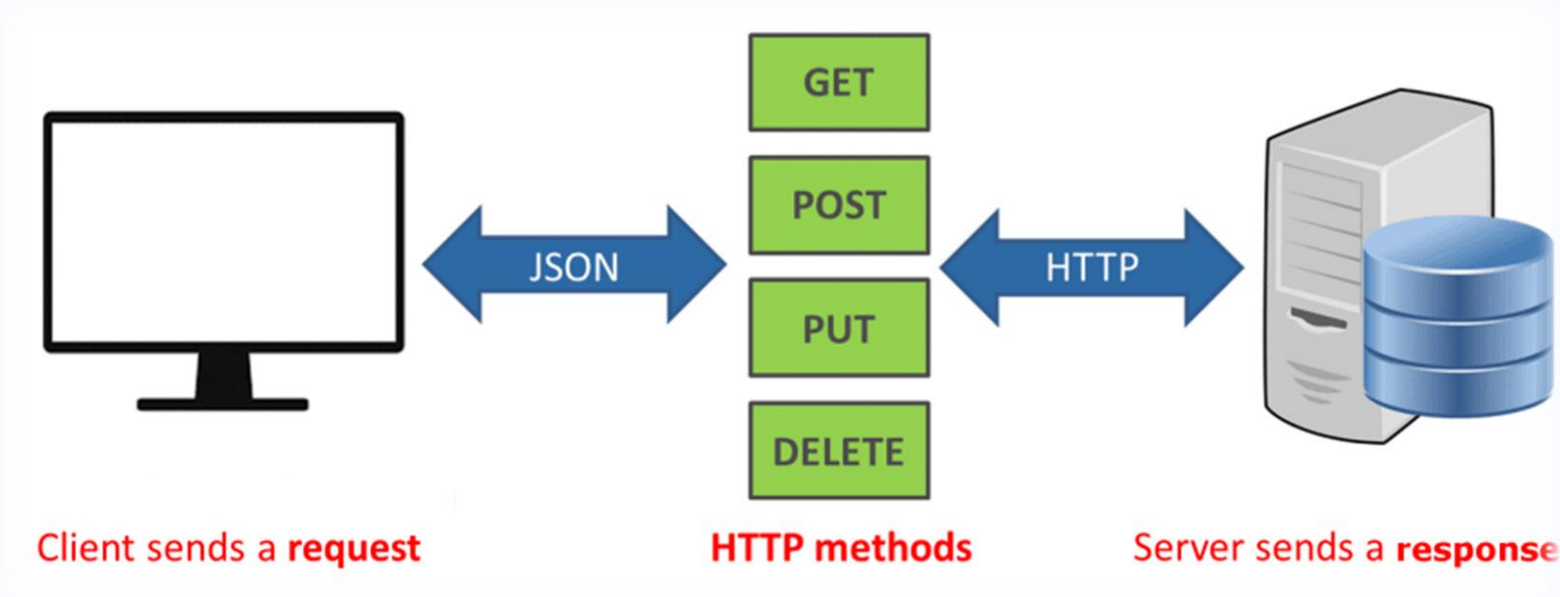
HTTP (*Hypertext Transfer Protocol*) protocol

HTTP – is the set of rules and regulations for interchanging data between server and client

Hmm what do you understand by saying protocol ?



http methods – tell the server what to do



That’s it))

Okey you want to start writing code?

Text editors are needed to write code

Google Chrome
Пт, 17:04
Visual Studio Code - Code
code.visualstudio.com
Сервисы
GeekPrank Ha...
SwaggerUI
MerchantAdmin
System Dashb...
Preorder Rah...
Programming
Laracasts Cate...
admin panel t...
Методы Webv...
Другие закладки
Список для чтения

Version 1.60 is now available! Read about the new features and fixes from August.

Code editing. Redefined.

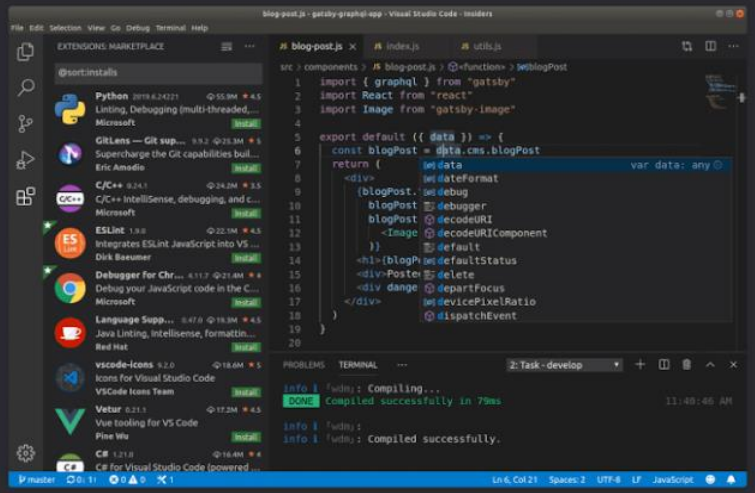
Free. Built on open source. Runs everywhere.

.deb
Debian, Ubuntu...

.rpm
Red Hat, Fedora...

Other platforms and Insiders Edition

By using VS Code, you agree to its license and privacy statement.



IntelliSense

Run and Debug

Built-in Git

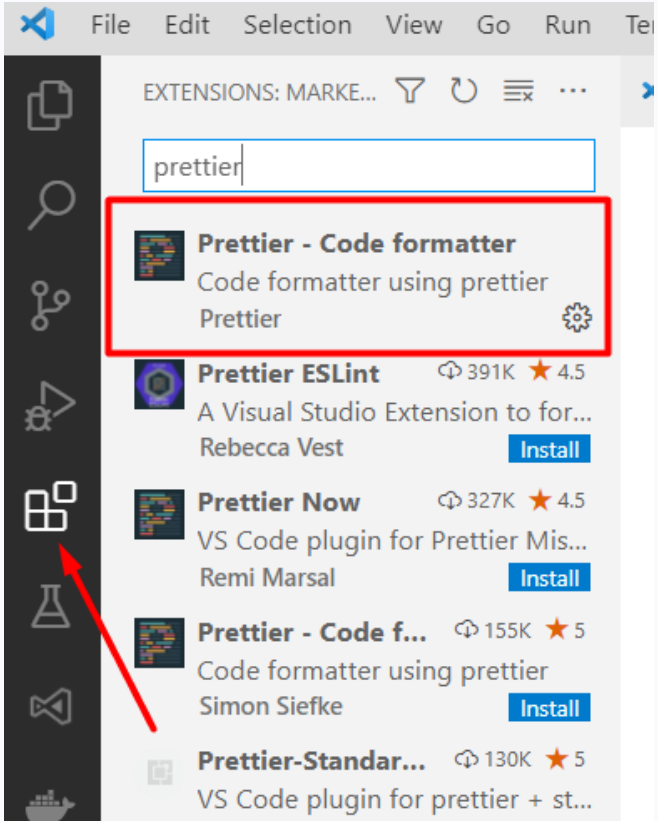
Extensions

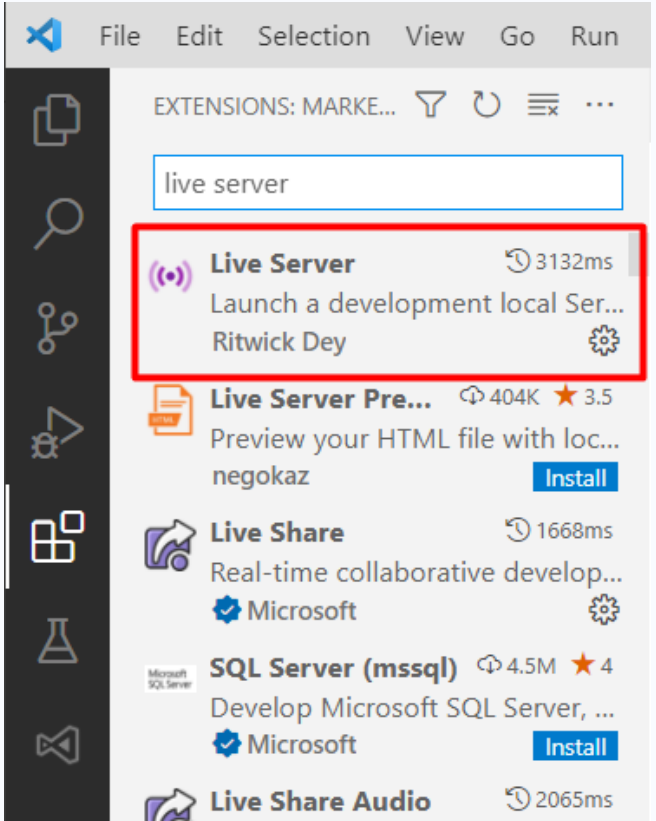
Una Kravets @Una

Jonathan Dunlap @jadbox

Pavithra Kodmad @PKodmad

Needed extensions (helper tools)





Thaaaat's it

File Edit Selection View Go Run Terminal Help — index.html - test - Visual Studio Code

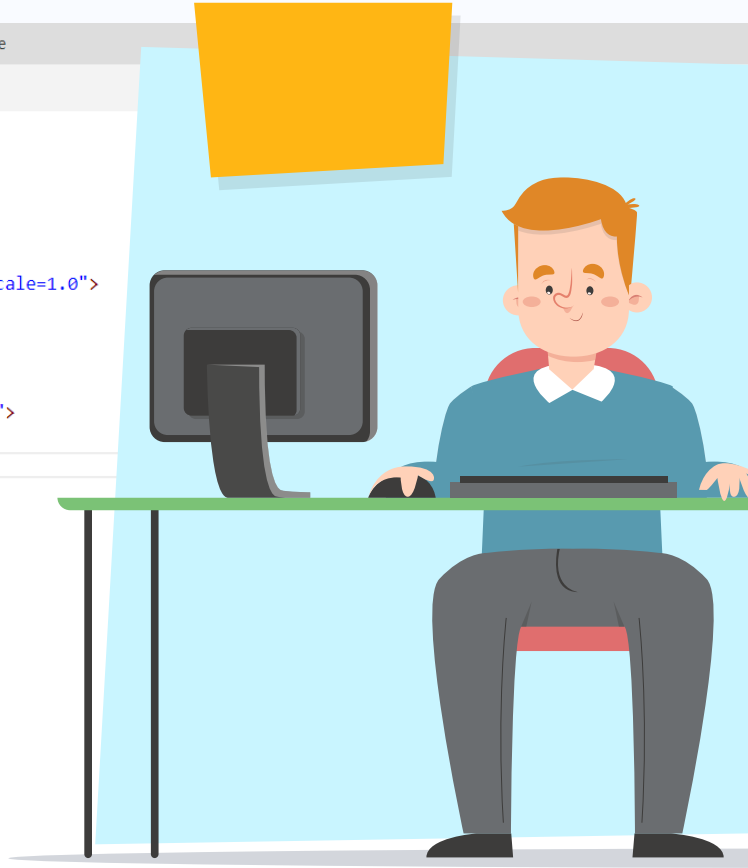
EXPLORER

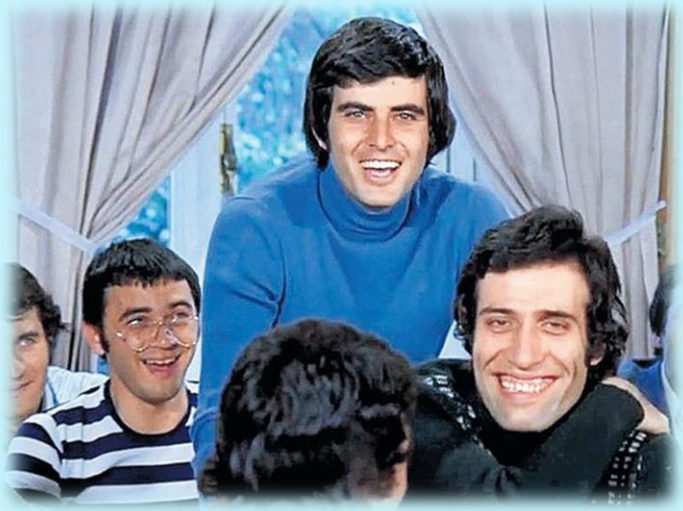
OPEN EDITORS
- index.html

TEST
- .vscode
- images
- index.html

index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <h1>Hello dear Students</h1>
    <img src="/images/quote1.png" alt="" height="300" width="400">
</body>
</html>
```





Thanks!

“You do not do evil to those who do evil to you, but you deal with them with forgiveness and kindness.”
— **Prophet Muhammad (PBUH)**