



VIT[®]

Vellore Institute of Technology

(Deemed to be University under section 3 of UGC Act, 1956)

Application Development and Deployment Architecture

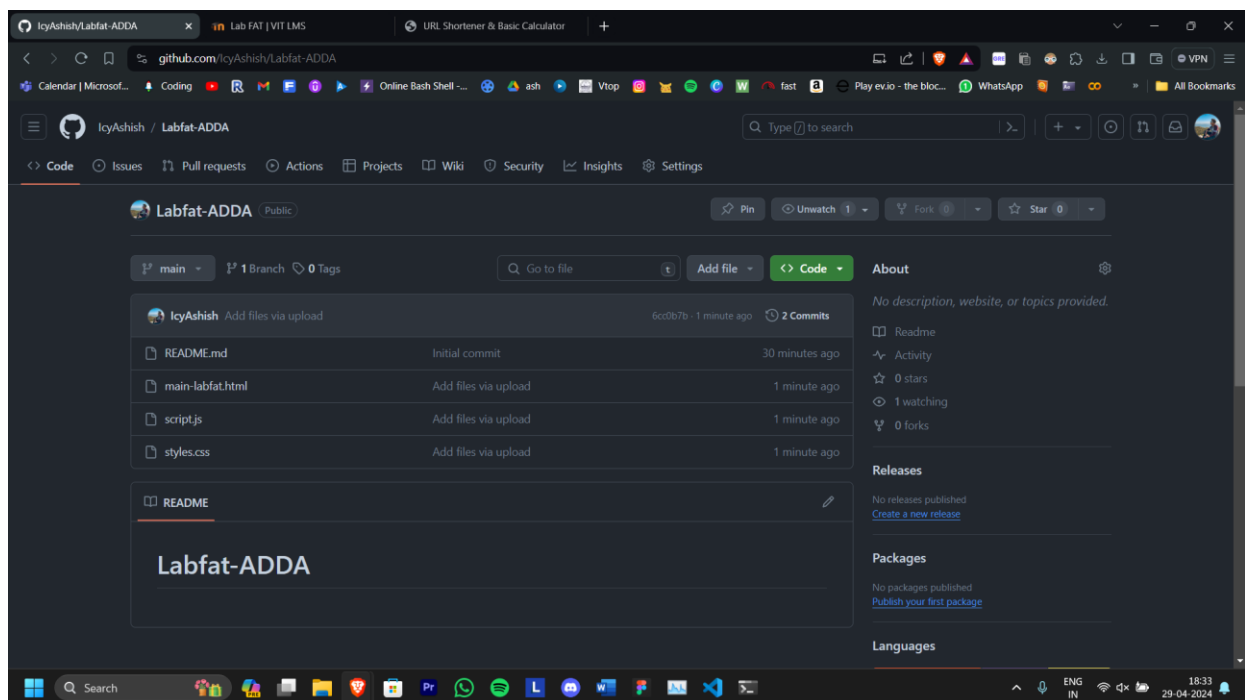
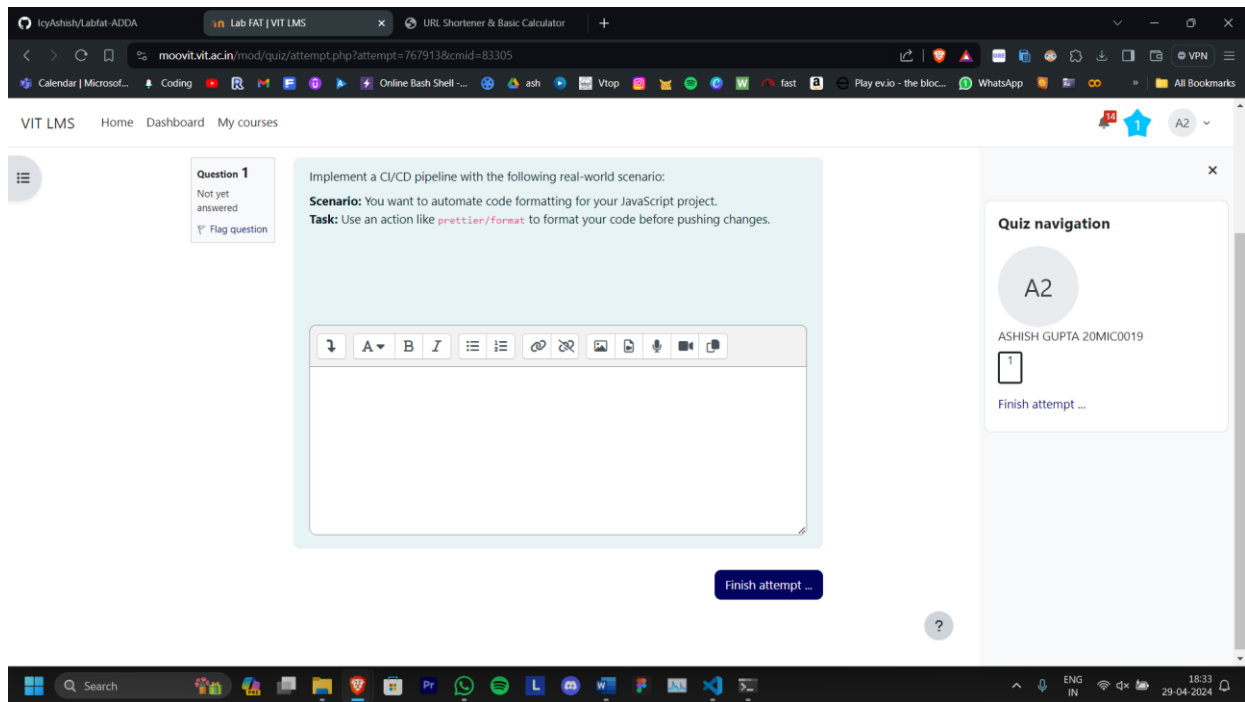
LABFAT

Submitted By: Ashish Gupta

Course Code- CSI3025

Submitted To-Dr Manoov R

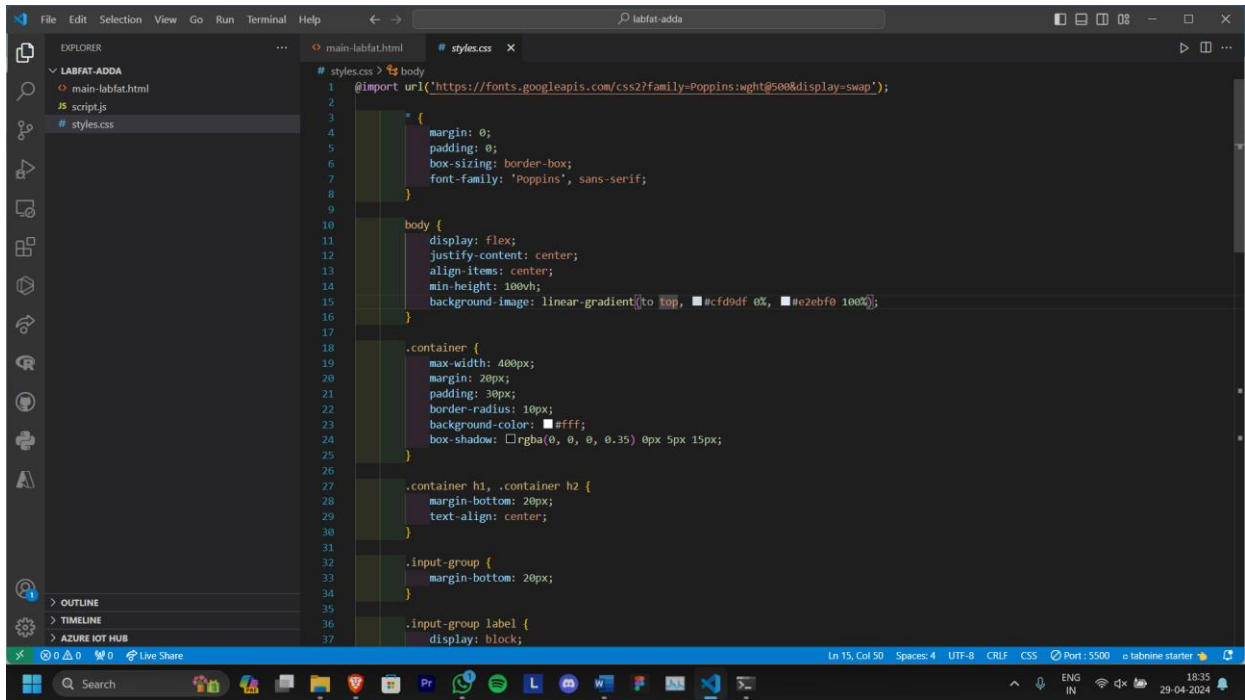
Reg No.-20MIC0019



Code file for simple js application:

```
File Edit Selection View Go Run Terminal Help labfat-adda
EXPLORER
  LABFAT-ADDA
    main-labfat.html
    scripts.js
    styles.css
main-labfat.html X
  main-labfat.html > html > body > div.container
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>URL Shortener & Basic Calculator</title>
7   <link rel="stylesheet" href="styles.css">
8 </head>
9 <body>
10
11 <div class="container">
12
13   <h1>URL Shortener & Basic Calculator</h1>
14
15   <div class="input-group">
16     <input type="url" id="urlInput" placeholder="Enter URL">
17     <button onclick="shortenURL()">Shorten</button>
18   </div>
19
20   <div id="result" style="display: none;">
21     <p>Shortened URL:</p>
22     <a href="" target="_blank" id="shortenedURL"></a>
23     <button onclick="copyToClipboard()">Copy</button>
24   </div>
25
26   <h2>Basic Calculator</h2>
27
28   <div class="input-group">
29     <label for="num1">Number 1:</label>
30     <input type="number" id="num1">
31   </div>
32
33   <div class="input-group">
34     <label for="num2">Number 2:</label>
35     <input type="number" id="num2">
36   </div>
37
Ln 19, Col 1 Spaces: 4 UTF-8 CRLF HTML Port: 5500 tabnine starter
```

```
File Edit Selection View Go Run Terminal Help labfat-adda
EXPLORER
  LABFAT-ADDA
    main-labfat.html
    scripts.js
    styles.css
main-labfat.html X
  main-labfat.html
  scripts.js X
scripts.js ...
1 async function shortenURL() {
2   var urlInput = document.getElementById("urlInput").value;
3
4   if (!urlInput) {
5     alert("Please enter a URL");
6     return;
7   }
8
9   try {
10     var response = await fetch("https://tinyurl.com/api-create.php?url=" + encodeURIComponent(urlInput));
11     var shortenedURL = await response.text();
12
13     document.getElementById("shortenedURL").innerHTML = shortenedURL;
14     document.getElementById("shortenedURL").href = shortenedURL;
15     document.getElementById("result").style.display = "";
16   } catch (error) {
17     console.error("Error shortening URL:", error);
18   }
19 }
20
21 function copyToClipboard() {
22   var copyText = document.getElementById("shortenedURL");
23   var textArea = document.createElement("textArea");
24   textArea.value = copyText.href;
25   document.body.appendChild(textArea);
26   textArea.select();
27   document.execCommand("Copy");
28   document.body.removeChild(textArea);
29   alert("Copied to clipboard!");
30 }
31
32 function add() {
33   var num1 = parseFloat(document.getElementById("num1").value);
34   var num2 = parseFloat(document.getElementById("num2").value);
35   document.getElementById("result").innerText = "Result: " + (num1 + num2);
36 }
37
Ln 20, Col 1 Spaces: 4 UTF-8 CRLF JavaScript Port: 5500 tabnine starter
```

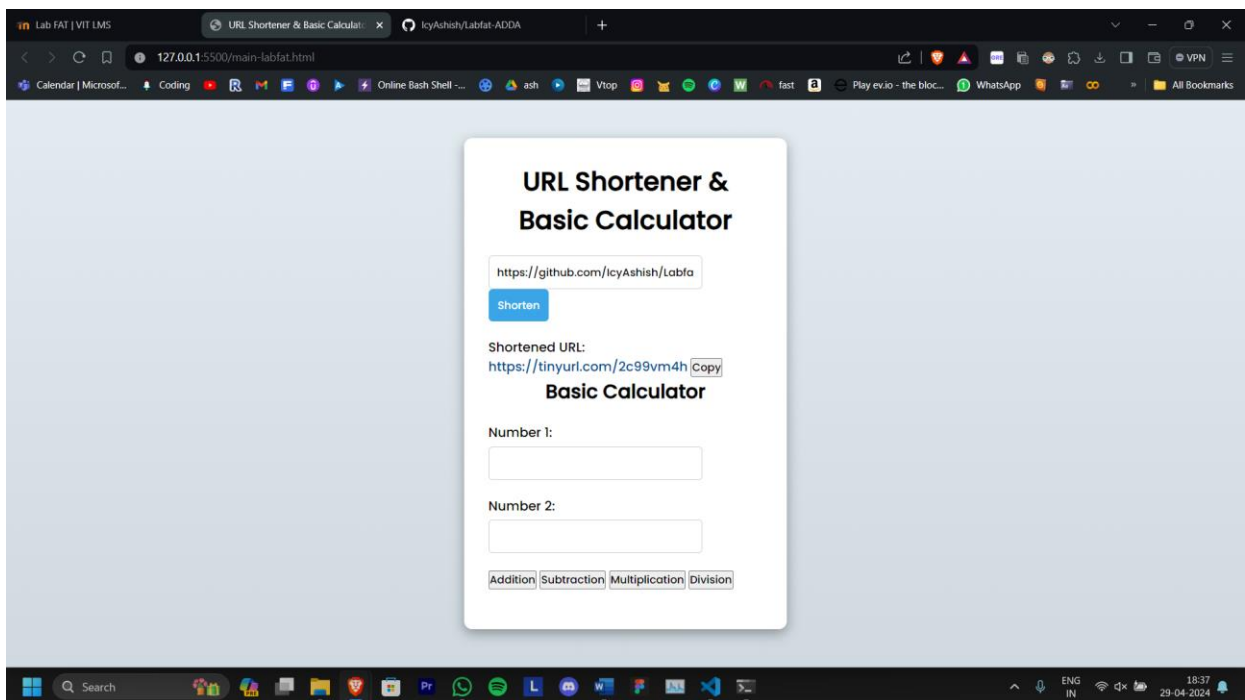


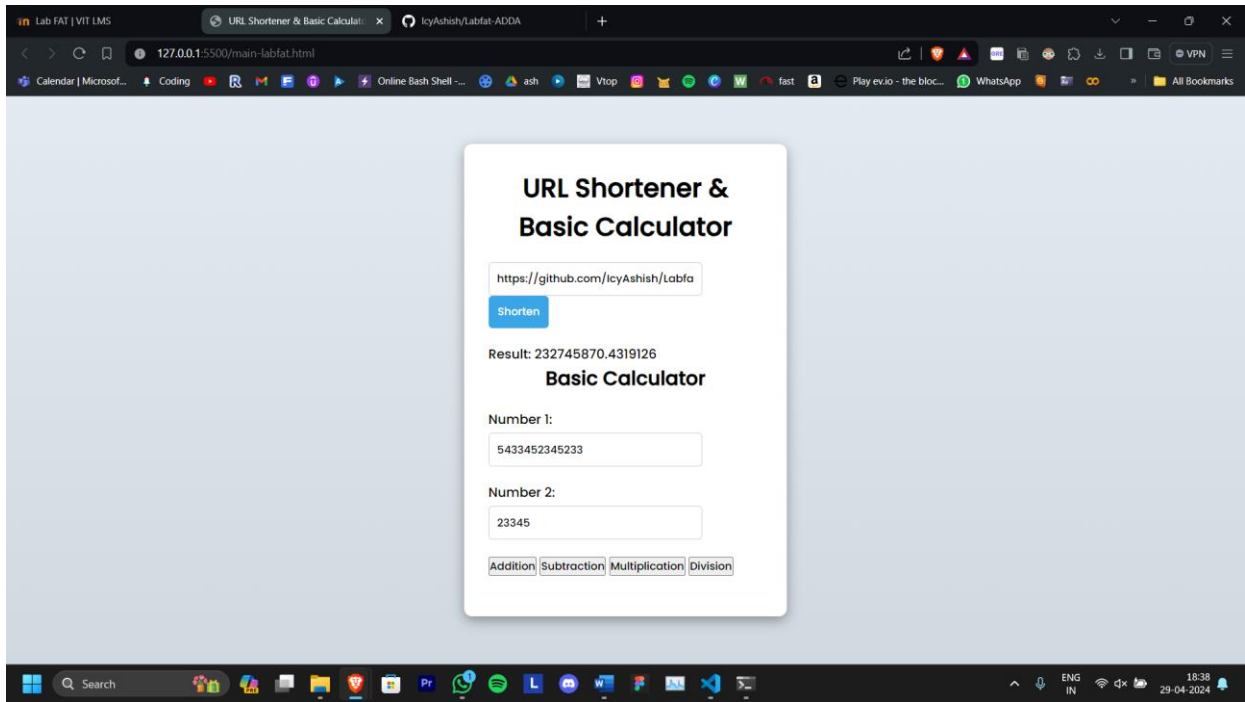
The image shows a Visual Studio Code editor window with a dark theme. The Explorer sidebar on the left shows a project named 'LABFAT-ADDA' with files 'main-labfat.html', 'script.js', and 'styles.css'. The main editor area displays the 'styles.css' file with the following code:

```
1 @import url('https://fonts.googleapis.com/css2?family=Poppins:wght@500&display=swap');
2
3 * {
4   margin: 0;
5   padding: 0;
6   box-sizing: border-box;
7   font-family: 'Poppins', sans-serif;
8 }
9
10 body {
11   display: flex;
12   justify-content: center;
13   align-items: center;
14   min-height: 100vh;
15   background-image: linear-gradient(to top, #cfd9df 0%, #e2ebf0 100%);
16 }
17
18 .container {
19   max-width: 400px;
20   margin: 20px;
21   padding: 30px;
22   border-radius: 10px;
23   background-color: #ffff;
24   box-shadow: 0 0 0 0.35px 0px 15px;
25 }
26
27 .container h1, .container h2 {
28   margin-bottom: 20px;
29   text-align: center;
30 }
31
32 .input-group {
33   margin-bottom: 20px;
34 }
35
36 .input-group label {
37   display: block;
```

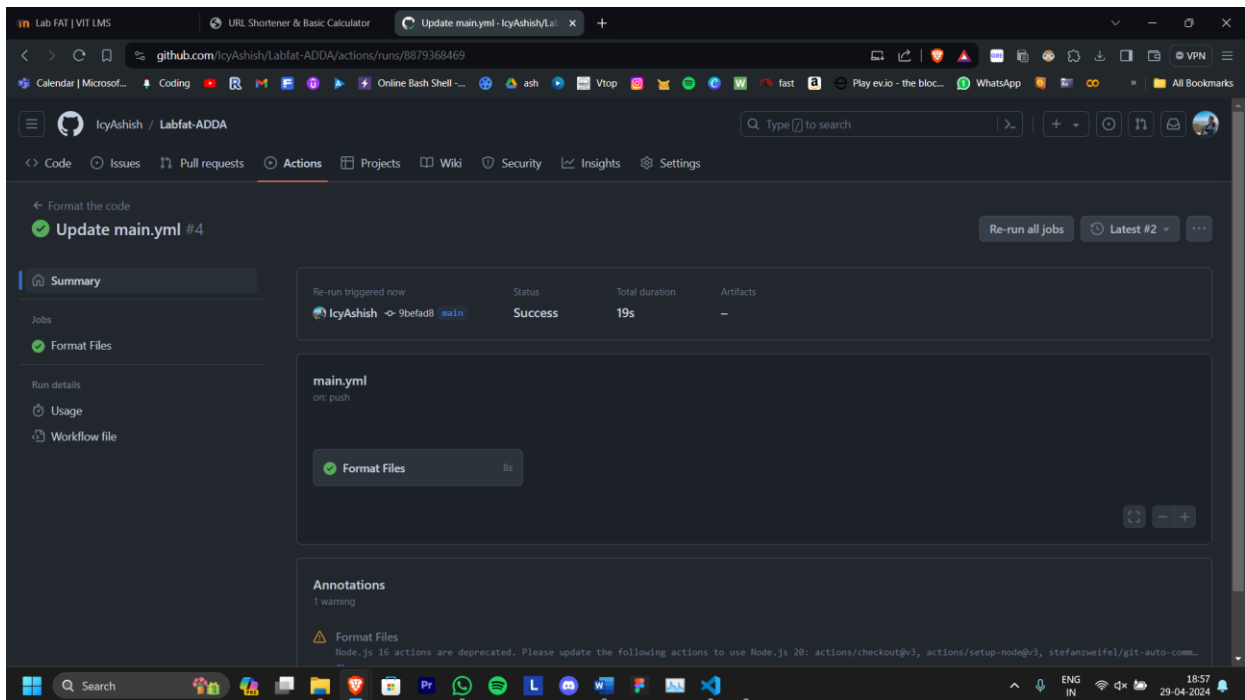
The status bar at the bottom indicates 'Ln 15, Col 50', 'Spaces: 4', 'UTF-8', 'CRLF', 'CSS', 'Port: 5500', and 'tabnine starter'.

Output of the website:





Github Screenshots:



Lab FAT | VIT LMS URL Shortener & Basic Calculator Update main.yml - IcyAshish/Labfat-ADDA

github.com/IcyAshish/Labfat-ADDA/actions/runs/8879368469/job/24377070918

Calendar | Microsoft... Coding Online Bash Shell ~... ash Vtop fast Play evjio - the bloc... WhatsApp All Bookmarks

IcyAshish / Labfat-ADDA Type / to search

<> Code Issues Pull requests **Actions** Projects Wiki Security Insights Settings

← Format the code

✓ Update main.yml #4 Re-run all jobs Latest #2 ...

Summary

Jobs

Format Files

Run details

Usage

Workflow file

Format Files
succeeded 1 minute ago in 8s Search logs

- Set up job 1s
- Run actions/checkout@v3 1s
- Run actions/setup-node@v3 0s
- Prettier 0s
- Run stefanzweifel/git-auto-commit-action@v4 1s
- Post Run actions/setup-node@v3 0s
- Post Run actions/checkout@v3 0s
- Complete job 0s

Search ENG IN 18:58 29-04-2024

Lab FAT | VIT LMS

URL Shortener & Basic Calculator

Update and rename main-labfat.html to indexhtml #2

Page not found - GitHub Pages

github.com/icyashish/Labfat-ADDA/actions/runs/8879517684

Calendar | Microsof... Coding Online Bash Shell ... ash Vtop fast Play evio - the bloc... WhatsApp All Bookmarks

icyashish / Labfat-ADDA

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

Deploy static content to Pages

Update and rename main-labfat.html to indexhtml #2

Re-run all jobs

Summary

Jobs

deploy

Run details

Usage

Workflow file

Triggered via push 1 minute ago

Status Success

Total duration 23s

Artifacts 1

static.yml

on: push

deploy 11s

https://icyashish.github.io/Labfat-ADDA/

Artifacts

Produced during runtime

Name Size

Lab FAT | VIT LMS

Workflow runs - icyashish/Labfat-ADDA

github.com/icyashish/Labfat-ADDA/actions

Calendar | Microsof... Coding Online Bash Shell ... ash Vtop fast Play evio - the bloc... WhatsApp All Bookmarks

icyashish / Labfat-ADDA

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

Actions

New workflow

All workflows

Workflows

Deploy static content to Pages

Format the code

Management

Caches

Deployments

Runners

All workflows

Showing runs from all workflows

Filter workflow runs

10 workflow runs

Event Status Branch Actor

Update and rename indexhtml to index.html

Format the code #7: Commit 9d0b31f pushed by icyashish

main

2 minutes ago

18s

Update and rename indexhtml to index.html

Deploy static content to Pages #3: Commit 9d0b31f pushed by icyashish

main

2 minutes ago

21s

Update and rename main-labfat.html to indexhtml

Format the code #6: Commit 7f9f11f pushed by icyashish

main

11 minutes ago

13s

Update and rename main-labfat.html to indexhtml

Deploy static content to Pages #2: Commit 7f9f11f pushed by icyashish

main

11 minutes ago

26s

Create static.yml

Deploy static content to Pages #1: Commit fadbeb1 pushed by icyashish

main

14 minutes ago

25s

Create static.yml

Format the code #5: Commit fadbeb1 pushed by icyashish

main

14 minutes ago

19s

Lab FAT | VIT LMS

Search

ENG IN

19:05

29-04-2024

Link to the website:

<https://icyashish.github.io/Labfat-ADDA/>