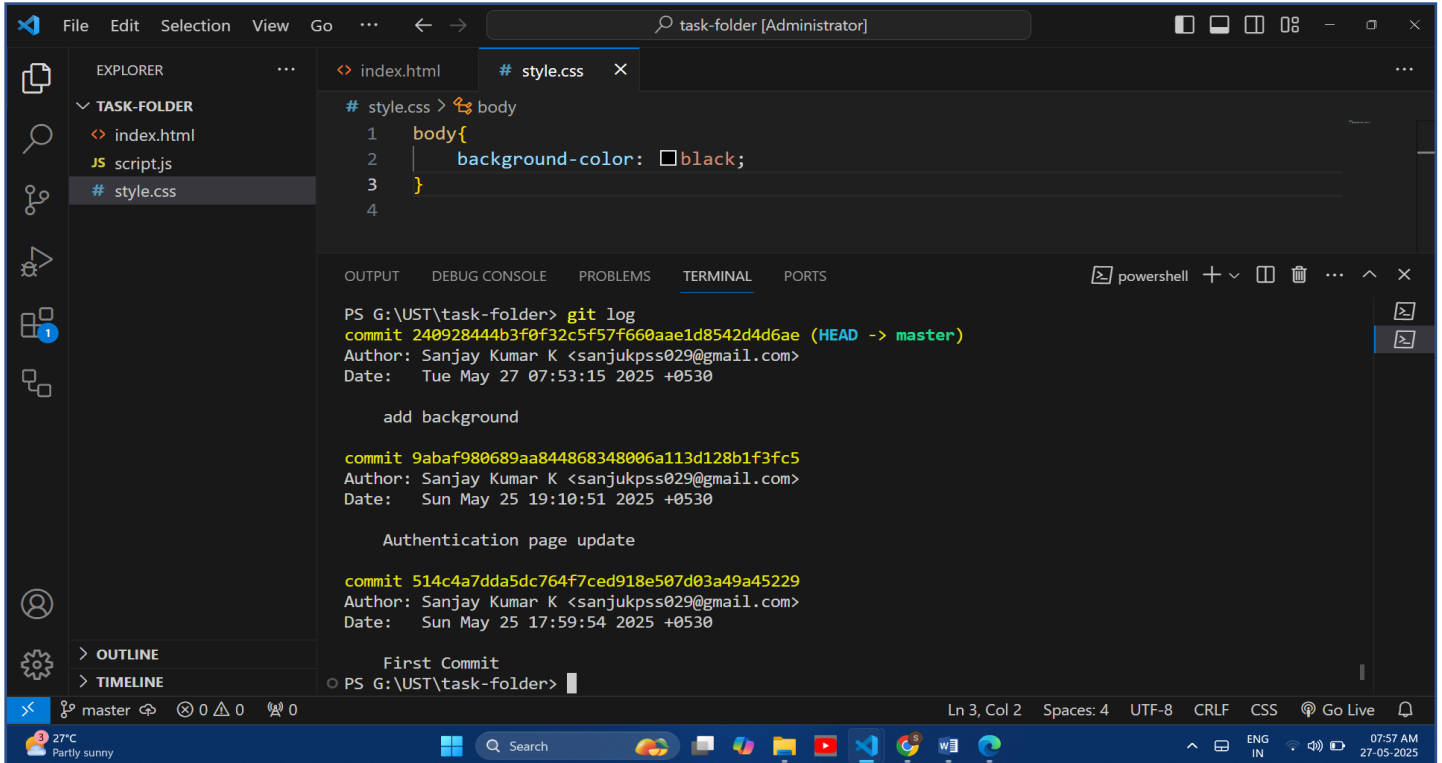


ASSIGNMENT 4

Step 1: View the git commit using git log.



The screenshot shows the Visual Studio Code interface with the Explorer view on the left showing a project named 'TASK-FOLDER' containing 'index.html', 'script.js', and 'style.css'. The Editor view shows 'style.css' with the following content:

```
# style.css > body
1  body{
2    background-color: black;
3  }
4
```

The Terminal view at the bottom shows the output of the 'git log' command:

```
PS G:\UST\task-folder> git log
commit 24092844b3f0f32c5f57f660aae1d8542d4d6ae (HEAD -> master)
Author: Sanjay Kumar K <sanjukpss029@gmail.com>
Date: Tue May 27 07:53:15 2025 +0530

    add background

commit 9abaf980689aa844868348006a113d128b1f3fc5
Author: Sanjay Kumar K <sanjukpss029@gmail.com>
Date: Sun May 25 19:10:51 2025 +0530

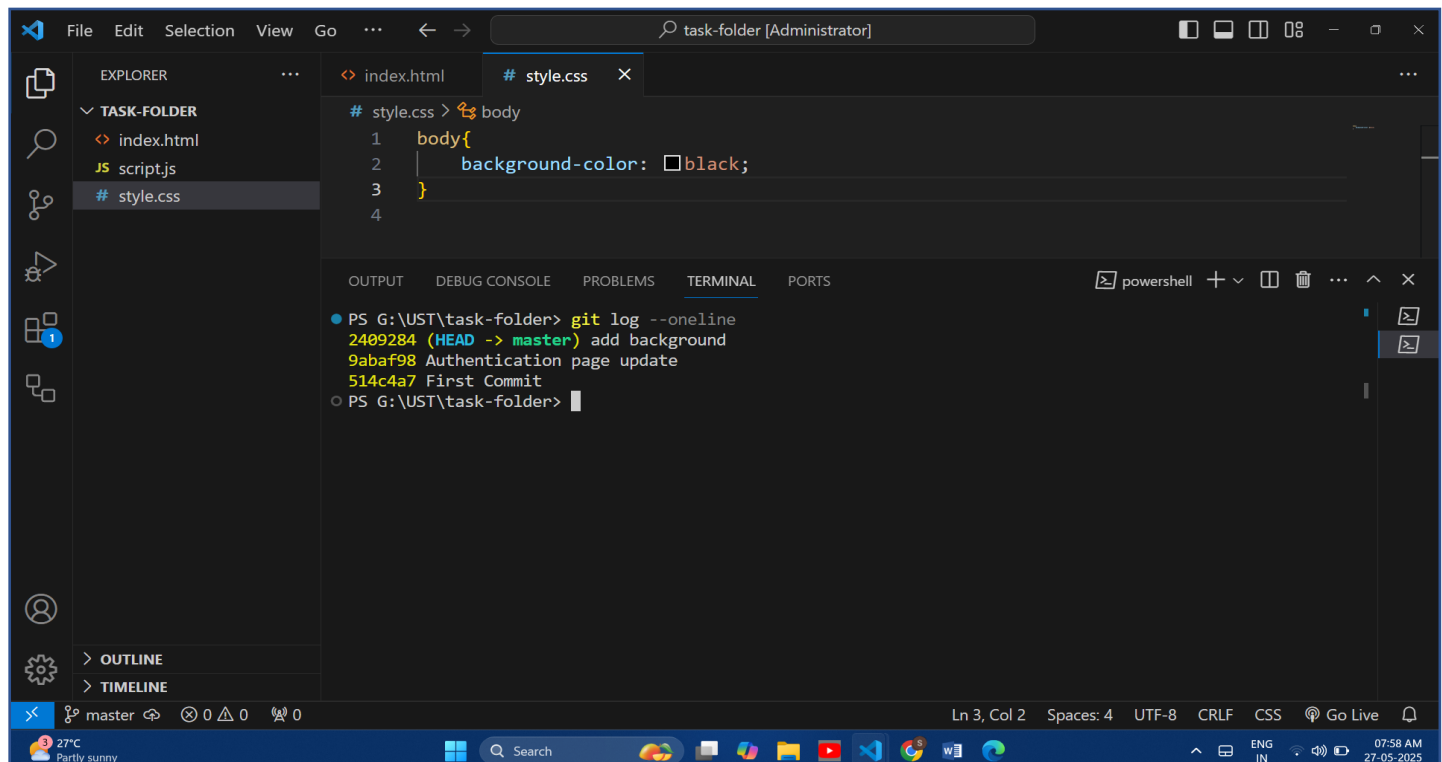
    Authentication page update

commit 514c4a7dda5dc764f7ced918e507d03a49a45229
Author: Sanjay Kumar K <sanjukpss029@gmail.com>
Date: Sun May 25 17:59:54 2025 +0530

    First Commit

PS G:\UST\task-folder>
```

Step 2: View commits in online



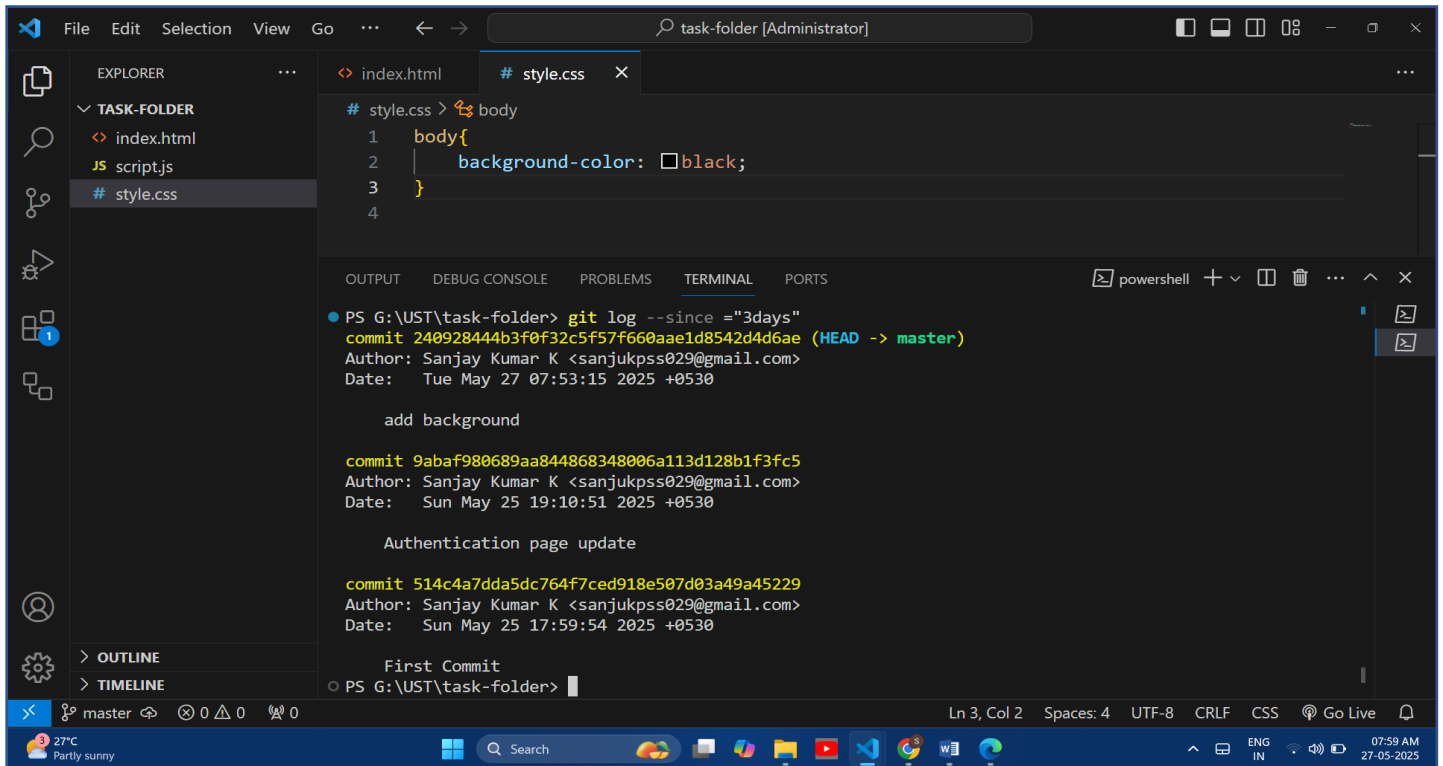
The screenshot shows the Visual Studio Code interface with the Explorer view on the left showing a project named 'TASK-FOLDER' containing 'index.html', 'script.js', and 'style.css'. The Editor view shows 'style.css' with the following content:

```
# style.css > body
1  body{
2    background-color: black;
3  }
4
```

The Terminal view at the bottom shows the output of the 'git log --oneline' command:

```
PS G:\UST\task-folder> git log --oneline
2409284 (HEAD -> master) add background
9abaf98 Authentication page update
514c4a7 First Commit
PS G:\UST\task-folder>
```

Step 3: Commit history since 3 days (git log --since = " 3 days")



The screenshot shows the Visual Studio Code interface with the Explorer view on the left showing the file structure of 'TASK-FOLDER' containing 'index.html', 'script.js', and 'style.css'. The main editor window displays the content of 'style.css', which contains a CSS rule for the body background color. The bottom panel shows the TERMINAL view with the output of the command 'git log --since = "3days"'. The output lists three commits: a commit from 240928444b3f0f32c5f57f660aae1d8542d4d6ae (HEAD -> master) titled 'add background', a commit from 9abaf980689aa844868348006a113d128b1f3fc5 titled 'Authentication page update', and a commit from 514c4a7dda5dc764f7ced918e507d03a49a45229 titled 'First Commit'. The status bar at the bottom indicates the current branch is 'master' and the file is 'Ln 3, Col 2'.

```
PS G:\UST\task-folder> git log --since = "3days"
commit 240928444b3f0f32c5f57f660aae1d8542d4d6ae (HEAD -> master)
Author: Sanjay Kumar K <sanjukpss029@gmail.com>
Date: Tue May 27 07:53:15 2025 +0530

    add background

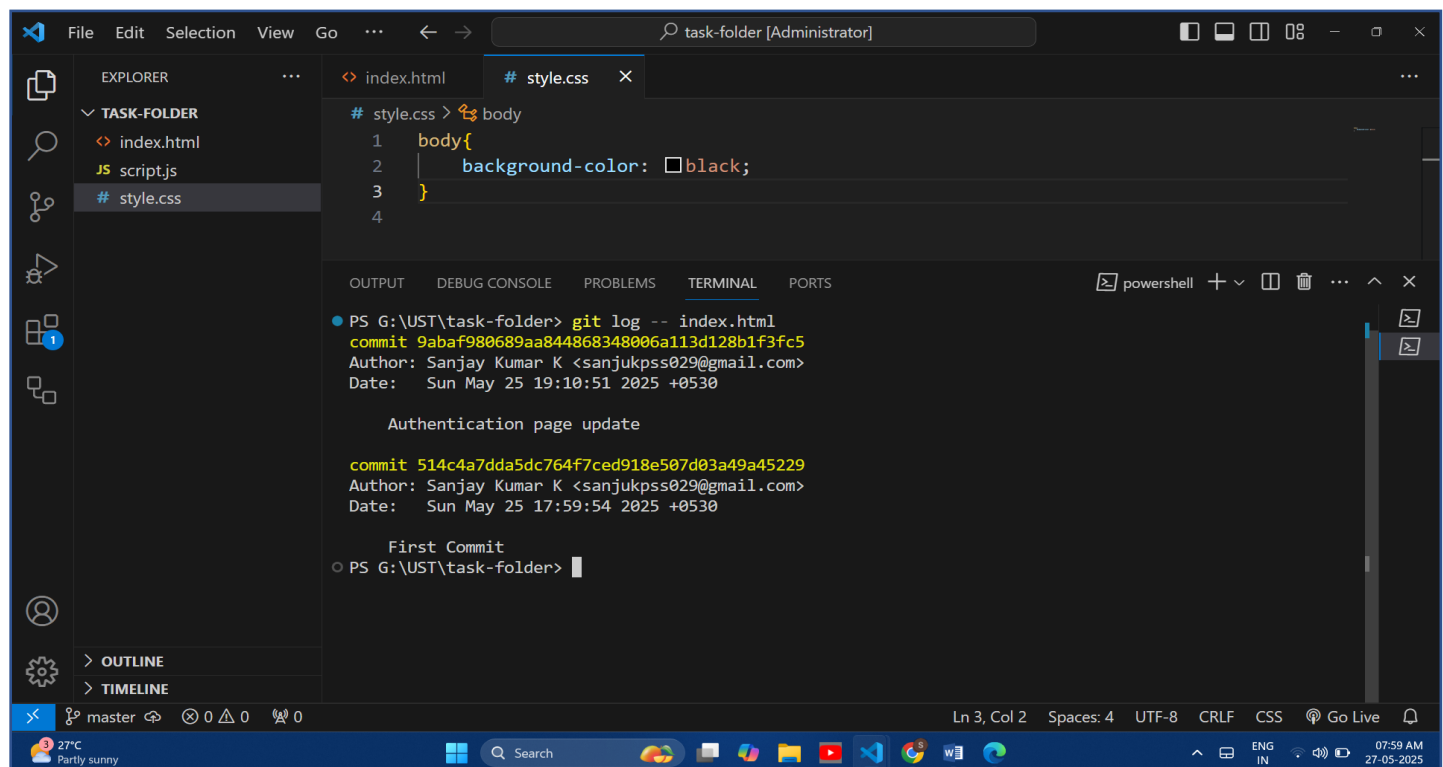
commit 9abaf980689aa844868348006a113d128b1f3fc5
Author: Sanjay Kumar K <sanjukpss029@gmail.com>
Date: Sun May 25 19:10:51 2025 +0530

    Authentication page update

commit 514c4a7dda5dc764f7ced918e507d03a49a45229
Author: Sanjay Kumar K <sanjukpss029@gmail.com>
Date: Sun May 25 17:59:54 2025 +0530

    First Commit
PS G:\UST\task-folder>
```

Step 4: Commit history of specific file (git log -- index.html).



The screenshot shows the Visual Studio Code interface with the Explorer view on the left showing the file structure of 'TASK-FOLDER' containing 'index.html', 'script.js', and 'style.css'. The main editor window displays the content of 'style.css', which contains a CSS rule for the body background color. The bottom panel shows the TERMINAL view with the output of the command 'git log -- index.html'. The output lists two commits: a commit from 9abaf980689aa844868348006a113d128b1f3fc5 titled 'Authentication page update', and a commit from 514c4a7dda5dc764f7ced918e507d03a49a45229 titled 'First Commit'. The status bar at the bottom indicates the current branch is 'master' and the file is 'Ln 3, Col 2'.

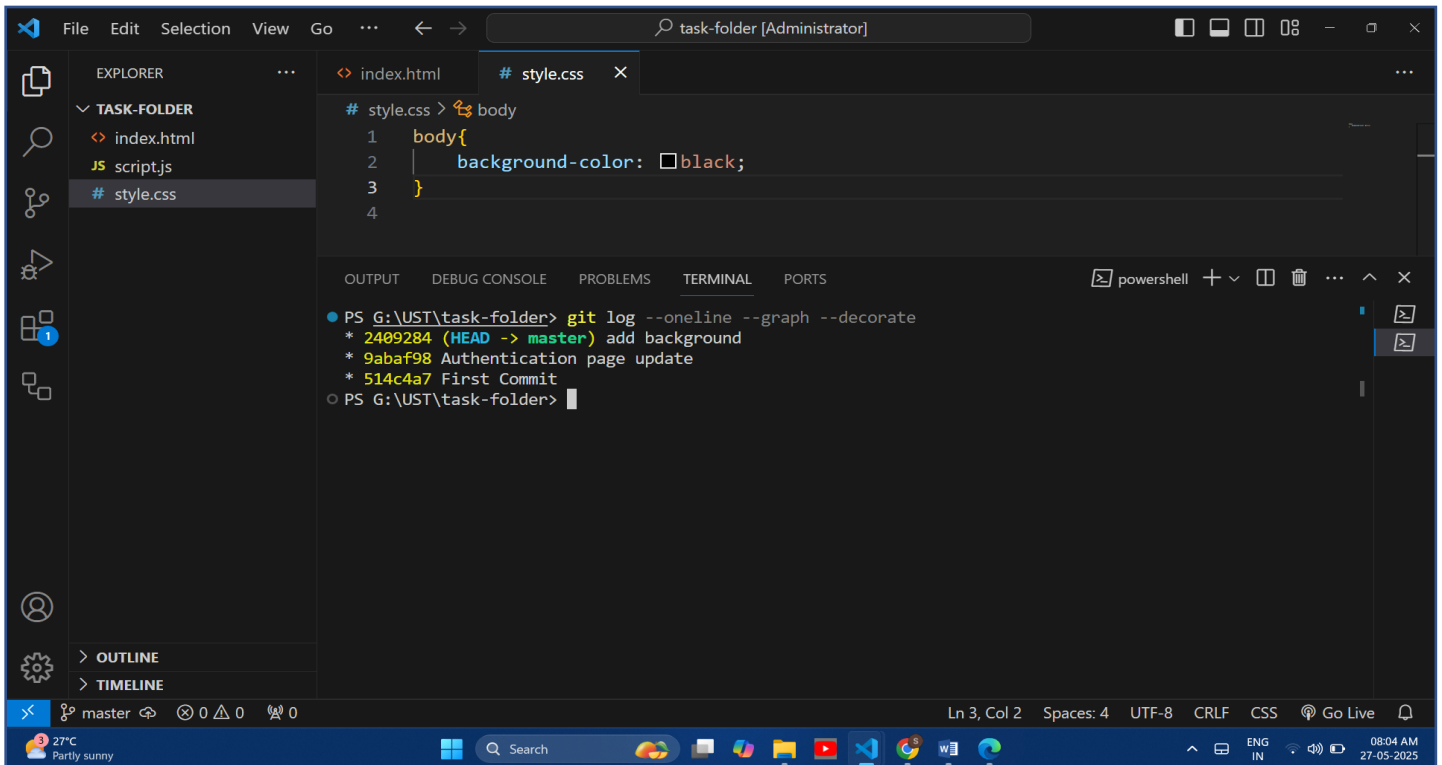
```
PS G:\UST\task-folder> git log -- index.html
commit 9abaf980689aa844868348006a113d128b1f3fc5
Author: Sanjay Kumar K <sanjukpss029@gmail.com>
Date: Sun May 25 19:10:51 2025 +0530

    Authentication page update

commit 514c4a7dda5dc764f7ced918e507d03a49a45229
Author: Sanjay Kumar K <sanjukpss029@gmail.com>
Date: Sun May 25 17:59:54 2025 +0530

    First Commit
PS G:\UST\task-folder>
```

Step 5: git history in online , decorate and graphical form.



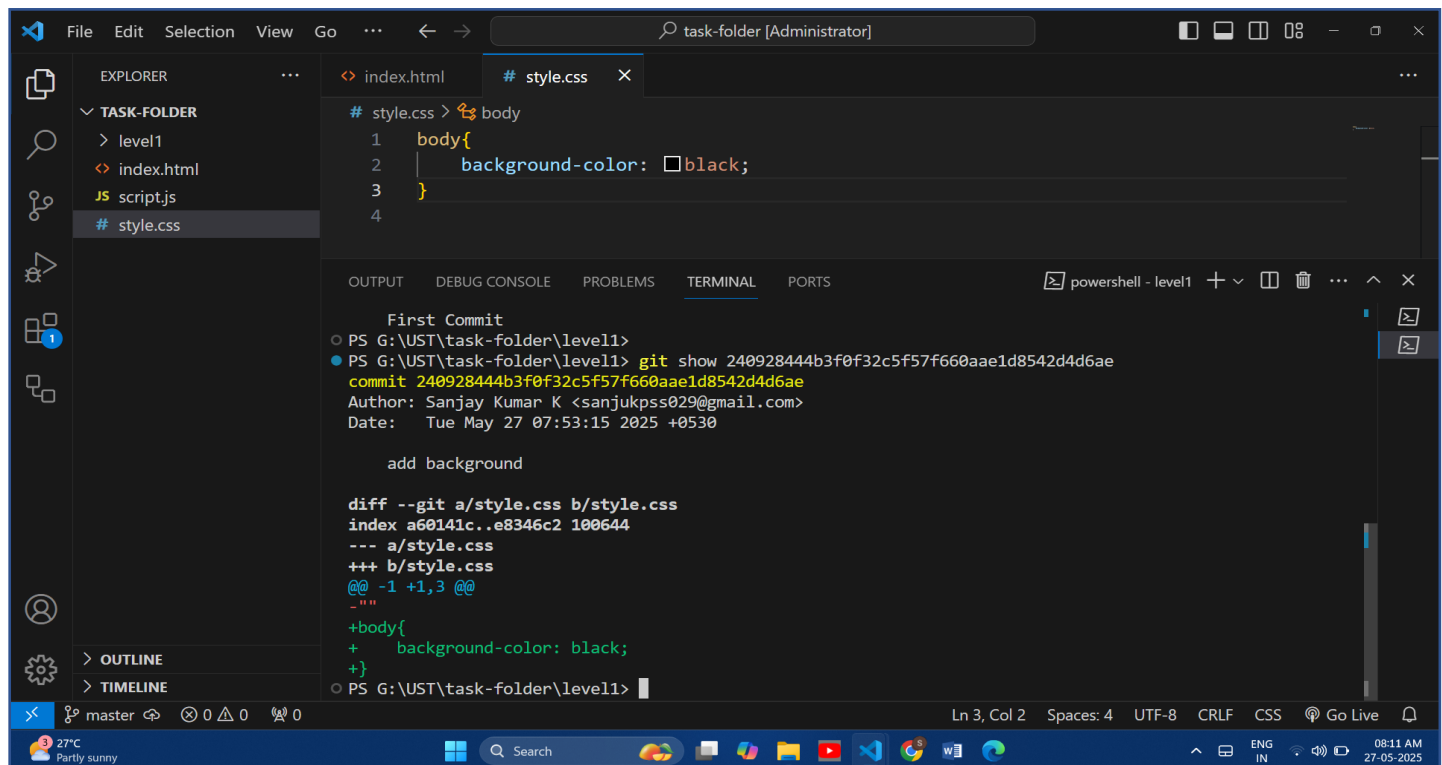
The screenshot shows the Visual Studio Code interface with a file explorer on the left showing 'TASK-FOLDER' containing 'index.html', 'script.js', and 'style.css'. The editor displays 'style.css' with the following content:

```
# style.css > body
1 body{
2   background-color: black;
3 }
4
```

The terminal at the bottom shows the output of the command `git log --oneline --graph --decorate`:

```
PS G:\UST\task-folder> git log --oneline --graph --decorate
* 2409284 (HEAD -> master) add background
* 9abaf98 Authentication page update
* 514c4a7 First Commit
PS G:\UST\task-folder>
```

Step 4: showing the commit detail of specific commit



The screenshot shows the Visual Studio Code interface with a file explorer on the left showing 'TASK-FOLDER' containing 'level1' (with 'index.html' and 'script.js') and 'style.css'. The editor displays 'style.css' with the following content:

```
# style.css > body
1 body{
2   background-color: black;
3 }
4
```

The terminal at the bottom shows the output of the command `git show 240928444b3f0f32c5f57f660aae1d8542d4d6ae`:

```
PS G:\UST\task-folder\level1> git show 240928444b3f0f32c5f57f660aae1d8542d4d6ae
commit 240928444b3f0f32c5f57f660aae1d8542d4d6ae
Author: Sanjay Kumar K <sanjukpss029@gmail.com>
Date: Tue May 27 07:53:15 2025 +0530

    add background

diff --git a/style.css b/style.css
index a60141c..e8346c2 100644
--- a/style.css
+++ b/style.css
@@ -1,3 @@
+body{
+  background-color: black;
+}
PS G:\UST\task-folder\level1>
```

