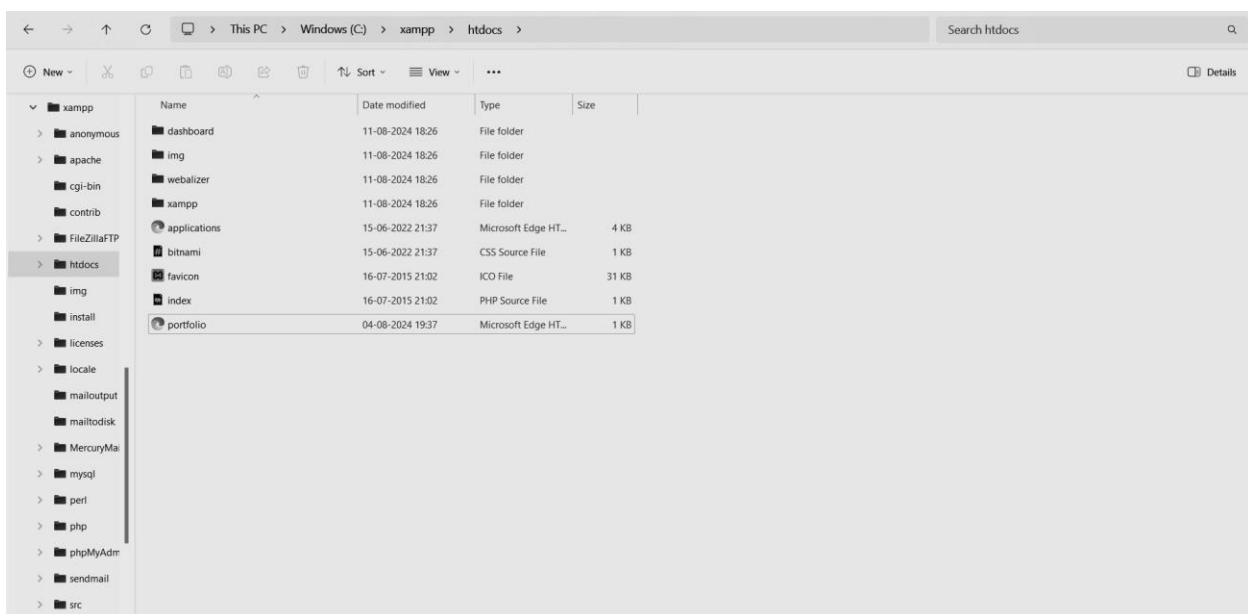**a)Hosting of html file on a local virtual machine using Xampp**
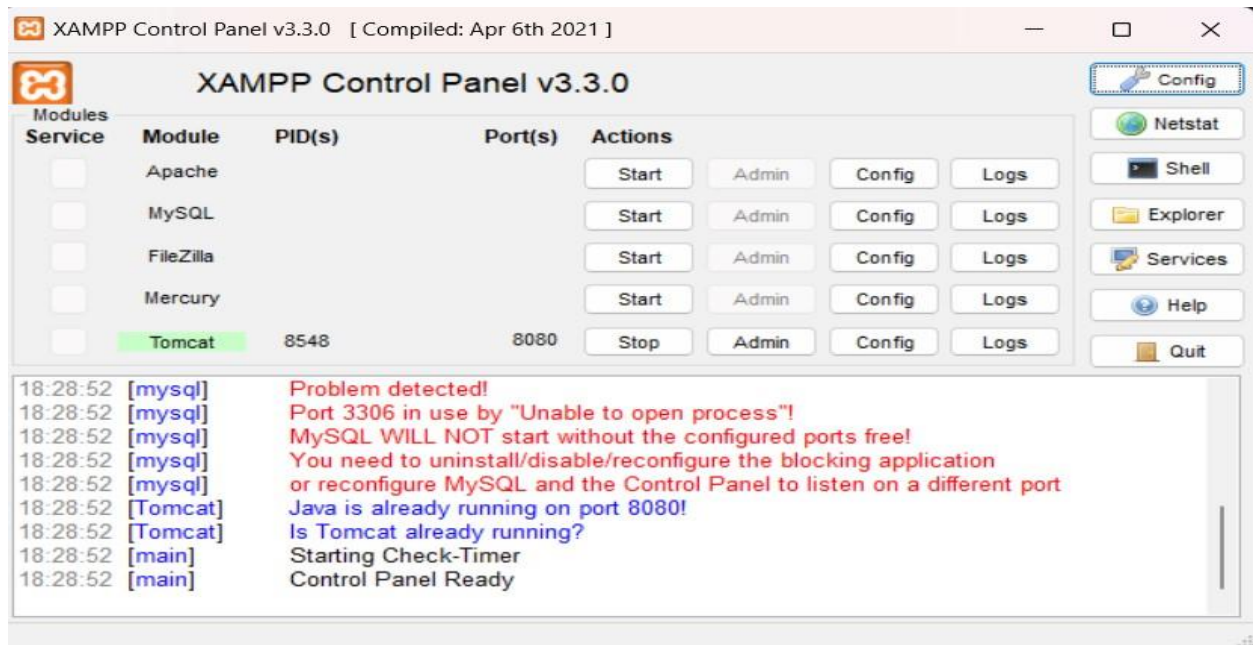
1. Create an portfolio file with name portfolio.html.

```
<> portfolio.html > </> html > </> body
  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>Portfolio</title>
  7    </head>
  8    <body>
  9        <h1>Bhushan Malpani</h1>
 10        <br>
 11        |
 12        <h2>Education</h2>
 13        <ul>
 14            <li><b>10th class (CBSE)</b>: 94.8%</li>
 15            <li><b>12th class (HSC)</b>: 90%</li>
 16            <li><b>Bachelor in Engineering(IT)</b></li>
 17        </ul>
 18        <h2>Skills</h2>
 19        <ul>
 20            <li>HTML,CSS,JS</li>
 21            <li>Java,C++</li>
 22        </ul>
 23        <h2>Hobbies</h2>
 24        <ul>
 25            <li>Cricket</li>
 26            <li>Music</li>
 27        </ul>
 28        <h2>Contact Me</h2>
 29        <ul>
 30            <li><b>Email</b>:bhushanmalpani45@gmail.com</li>
 31            <li><b>Contact No.</b>:9423244006/;</li>
 32        </ul>
 33    </body>
 34    </html>
```
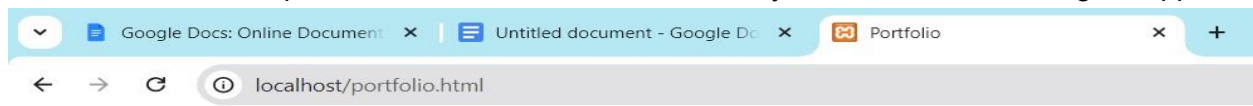
2. Save this file in htdocs file in Xampp folder in C drive:

3. Make sure Xampp is installed and then start Xampp control panel and start the module Apache and Mysql.

4. Access the content of the portfolio page using **localhost/portfolio.html** in any web browser. Your portfolio should be hosted successfully on local machine using Xampp.

Bhushan Malpani

Education

- **10th class (CBSE)**: 94.8%
- **12th class (HSC)**: 90%
- **Bachelor in Engineering(IT)**

Skills

- HTML,CSS,JS
- Java,C++

Hobbies

- Cricket
- Music

Contact Me

- **Email**:bhushanmalpani45@gmail.com
- **Contact No.**:9423244006/;

Static Hosting Using AWS

Navigate to S3 Service:

In the AWS Management Console, select Services and then S3 under Storage.

Create a Bucket:

- Click on **Create bucket**.
- **Bucket name**: Enter a unique name that is globally unique ● **Region**: Select a region (usually closest to your users).
- **Block Public Access Settings**: Uncheck **Block all public access**. Confirm the warning that appears about the public access settings. ● Click **Create bucket**.

Upload Files:

- Click on **Upload**.
- Drag and drop your static website files or use the **Add files** and **Add folder** buttons to upload your HTML, CSS, JavaScript, and image files. ● Click **Upload** to start the upload process.

4. Configure Bucket for Static Website Hosting

    1. **Access Bucket Properties**:
        ○ Go to the **Properties** tab of your bucket.

Enable Static Website Hosting:

- Scroll down to **Static website hosting** and click **Edit**.
- Select **Enable**.
- **Index document**: Enter `index.html` (or the name of your main HTML file).
- **Error document**: Optionally, enter `error.html` (for handling errors).
- Click **Save changes**.

Access Permissions Tab: ● Go to the

Permissions tab of your bucket.

Click **Save** to apply the policy.

Test Your Website:

- Use the **Endpoint** URL from the static website hosting configuration to access and test your website.

Check Functionality:

- Ensure that all website pages and resources load correctly.

Bhushan Malpani

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