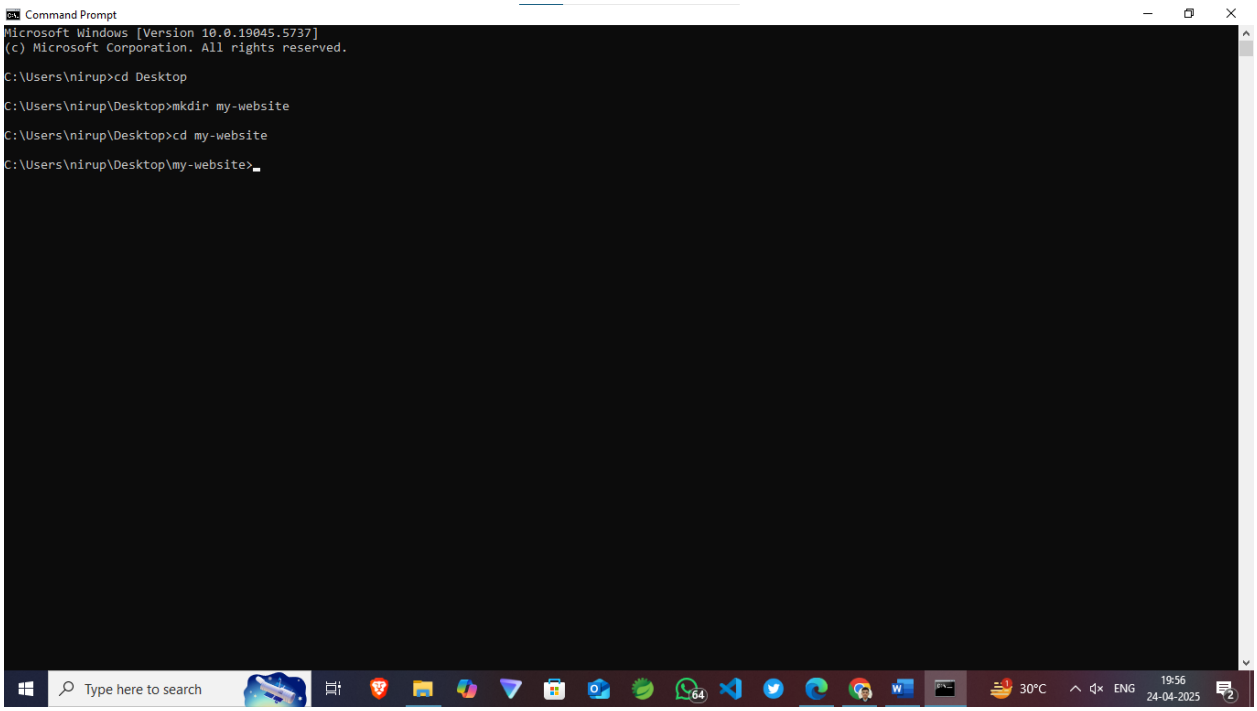
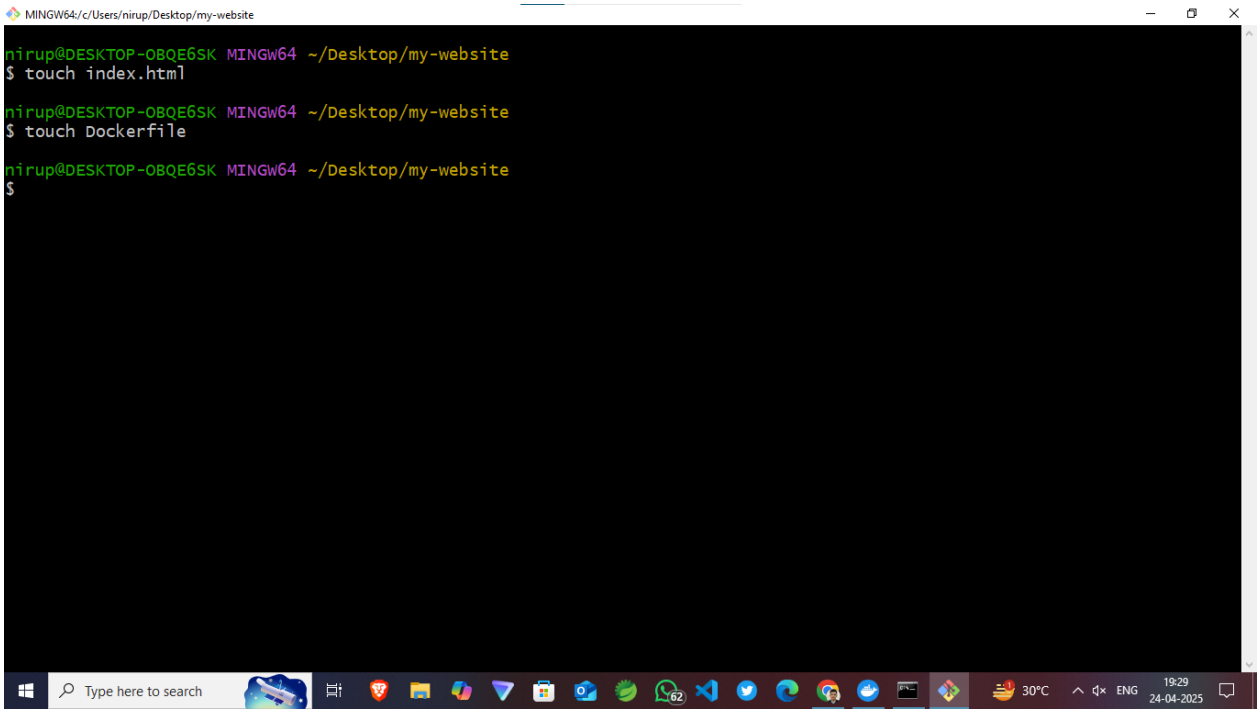
**Name: Nirupom Saha**

**Reg. No: 2141019011** **Exercise**

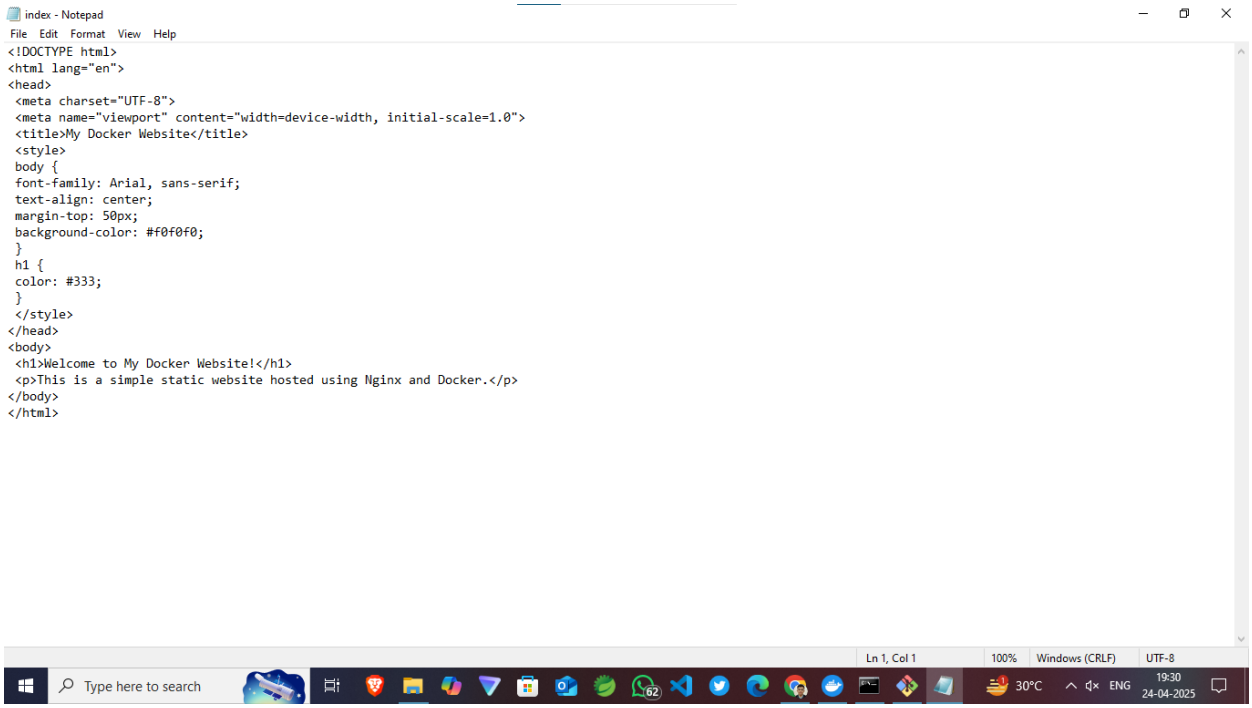
- **Creating Project Directory**



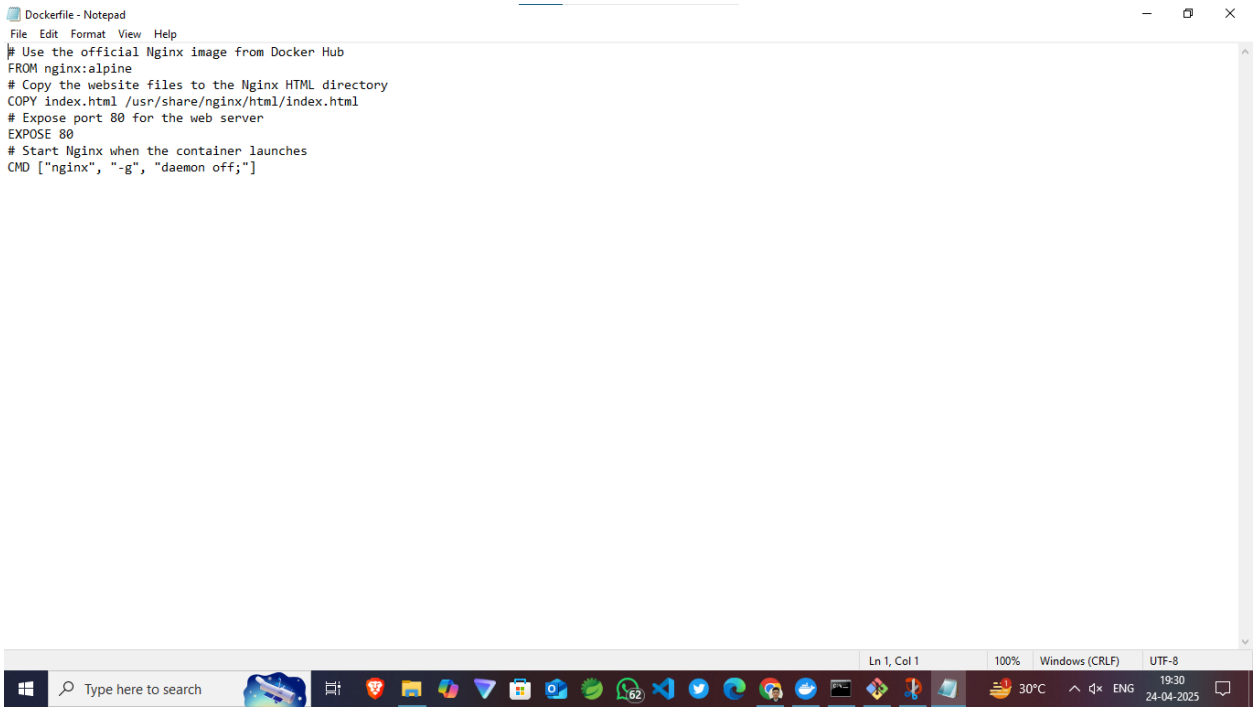

- **Creating Website Files**



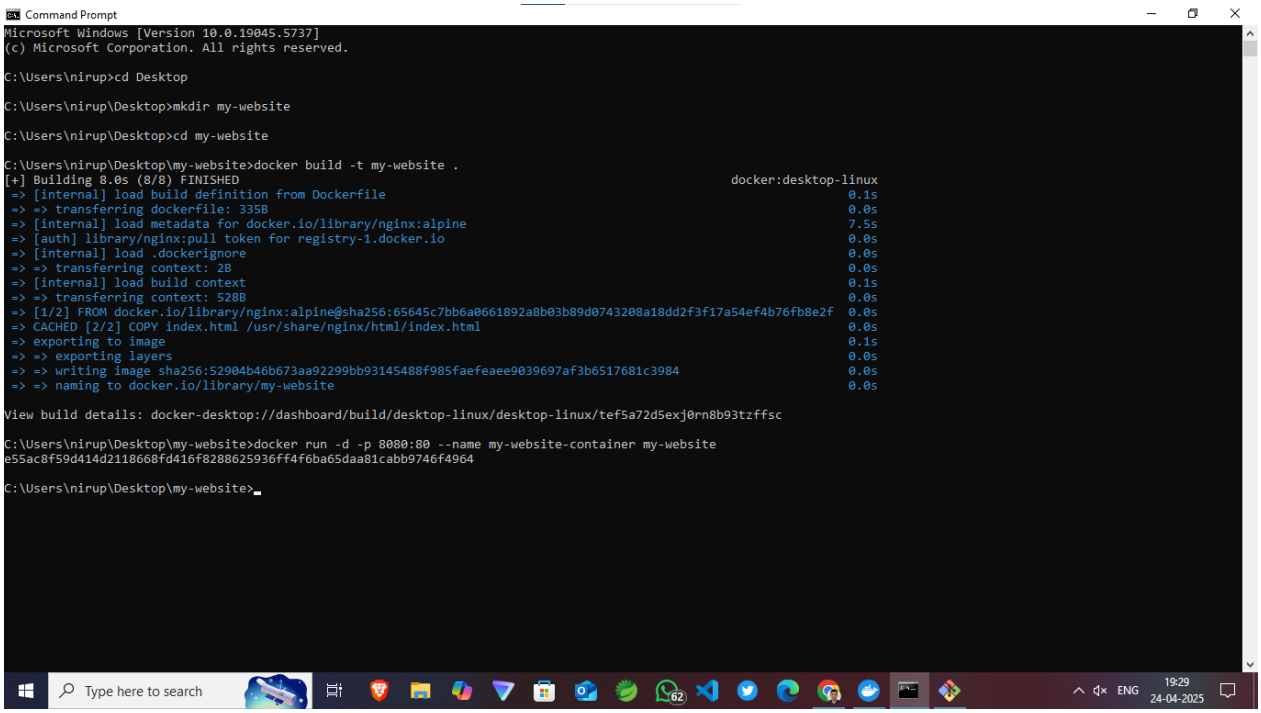
- **File: index.html**

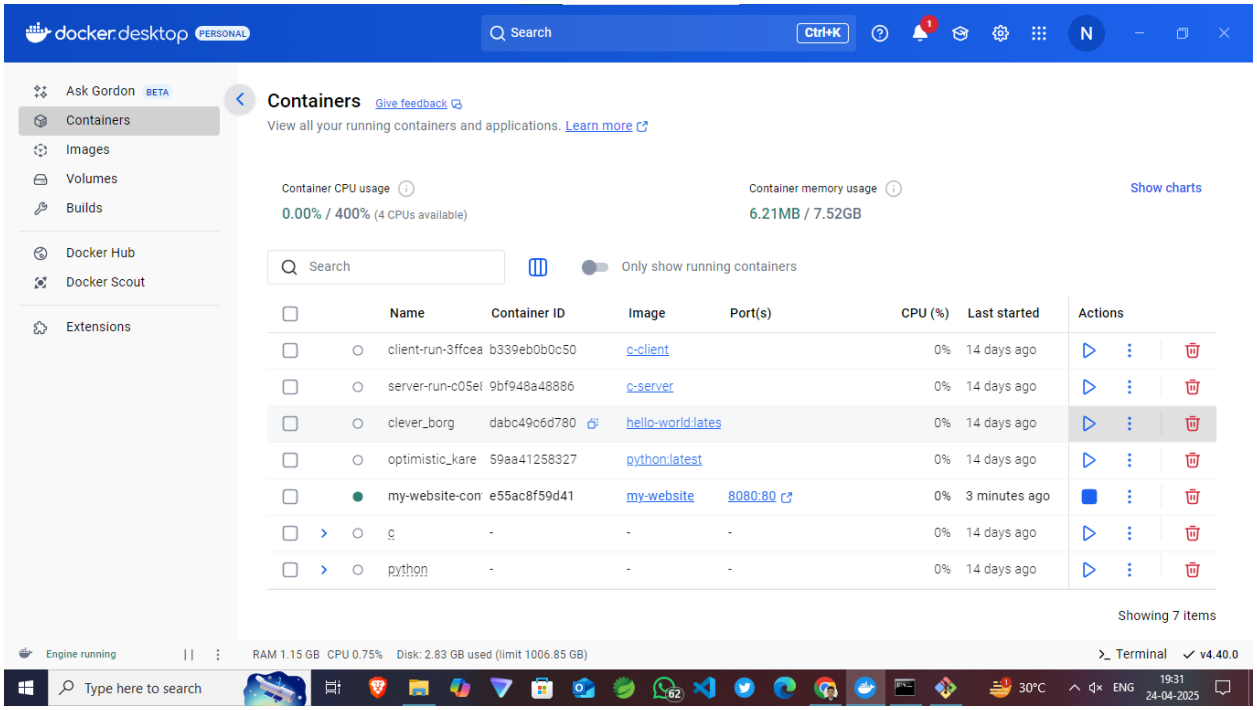


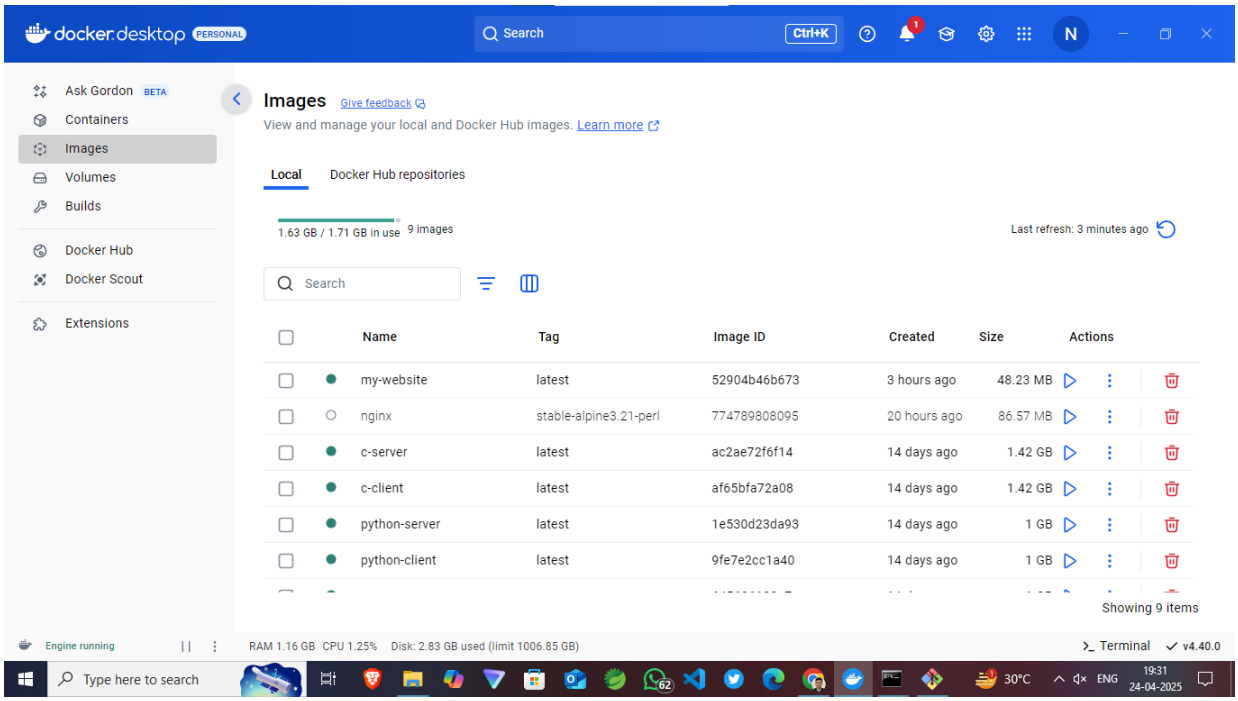

- **File: Dockerfile**



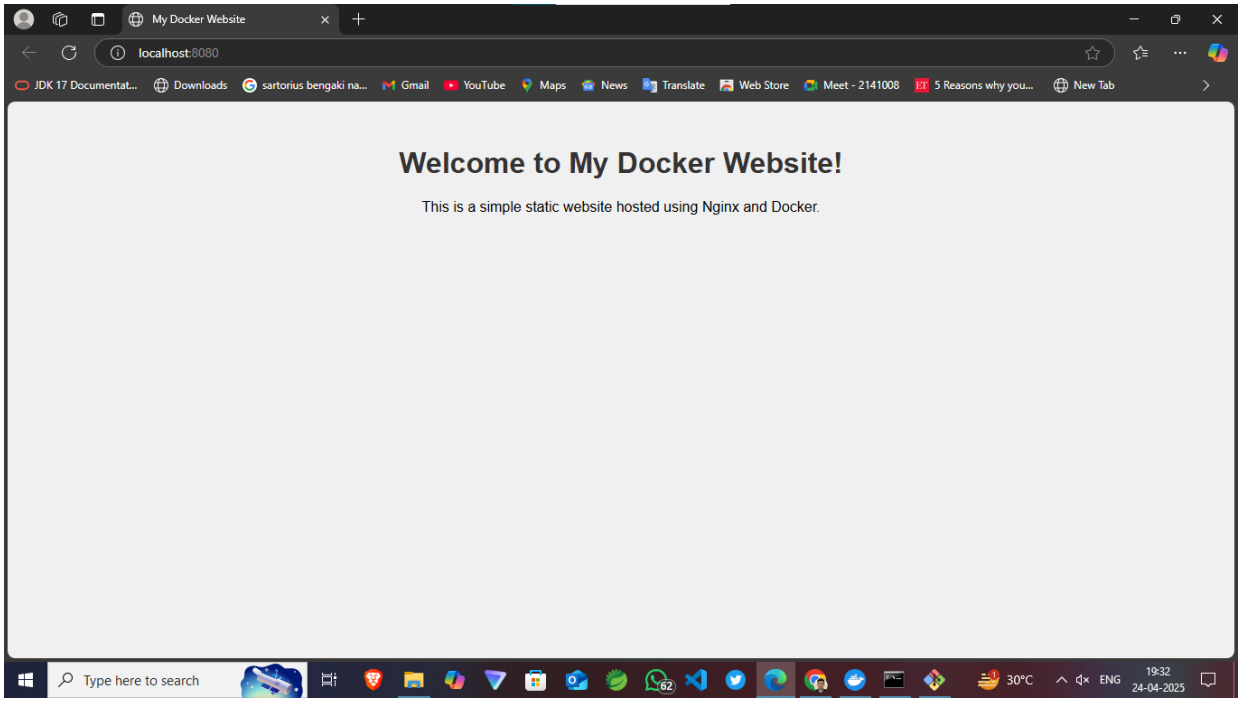
- **Building and Running the Docker Container**






- **Accessing the Website**



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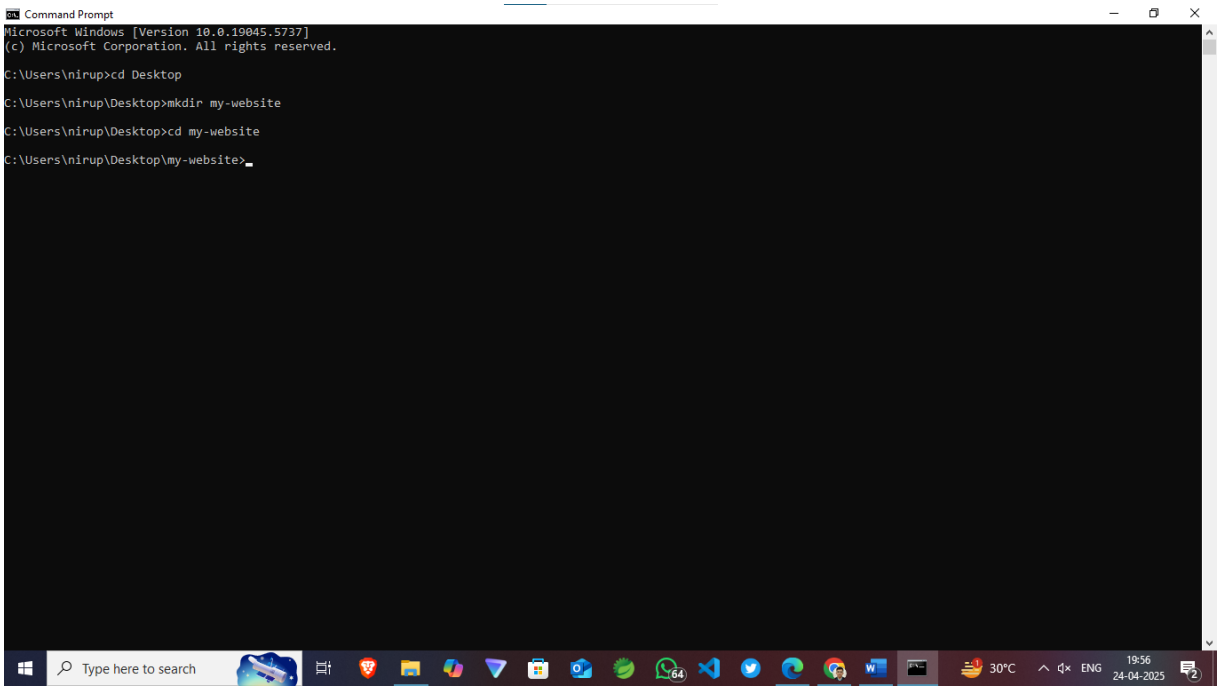
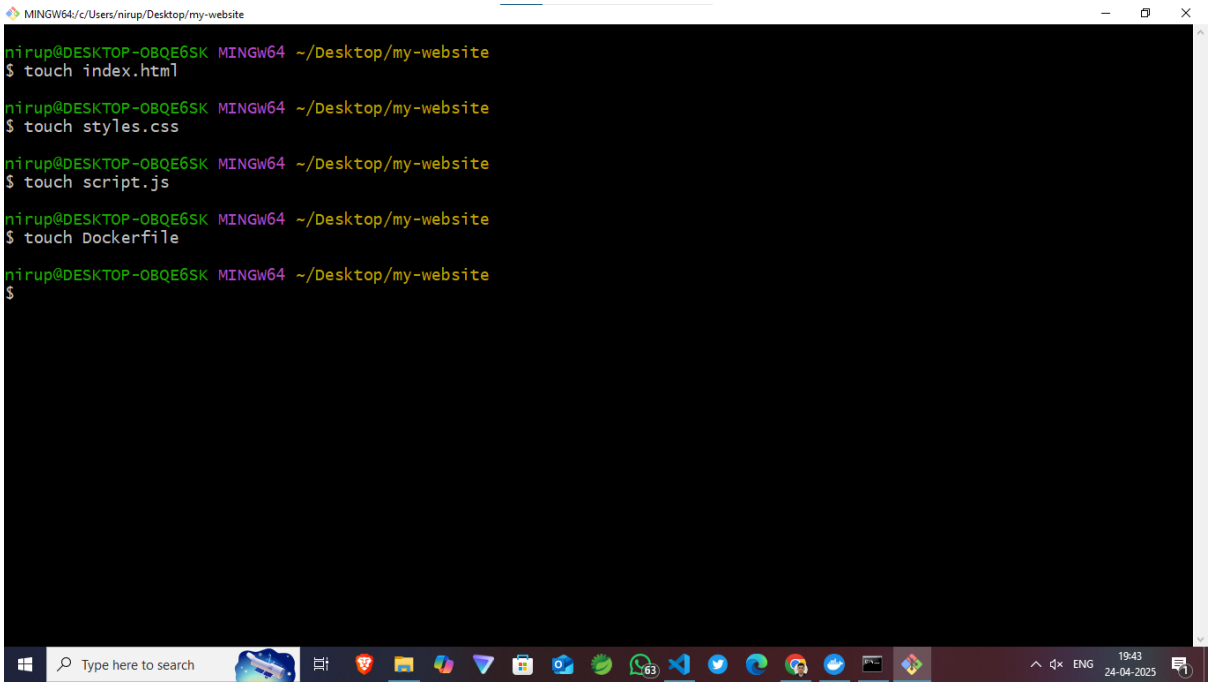
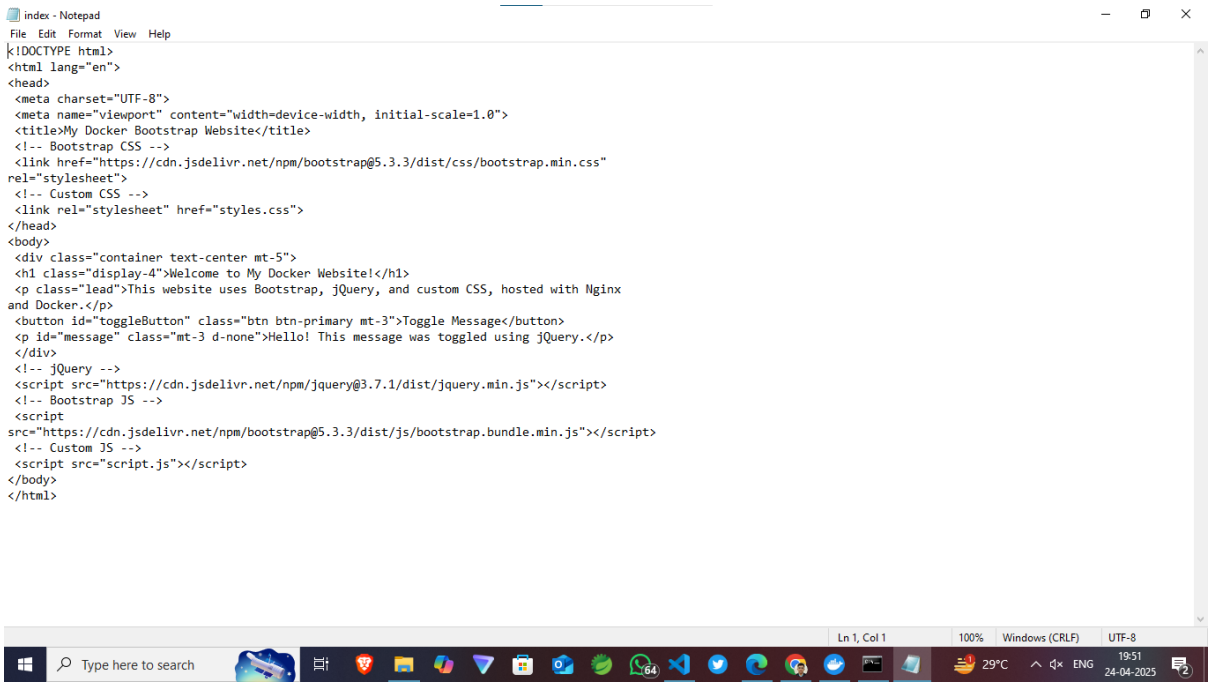



- **Creating Website Files**

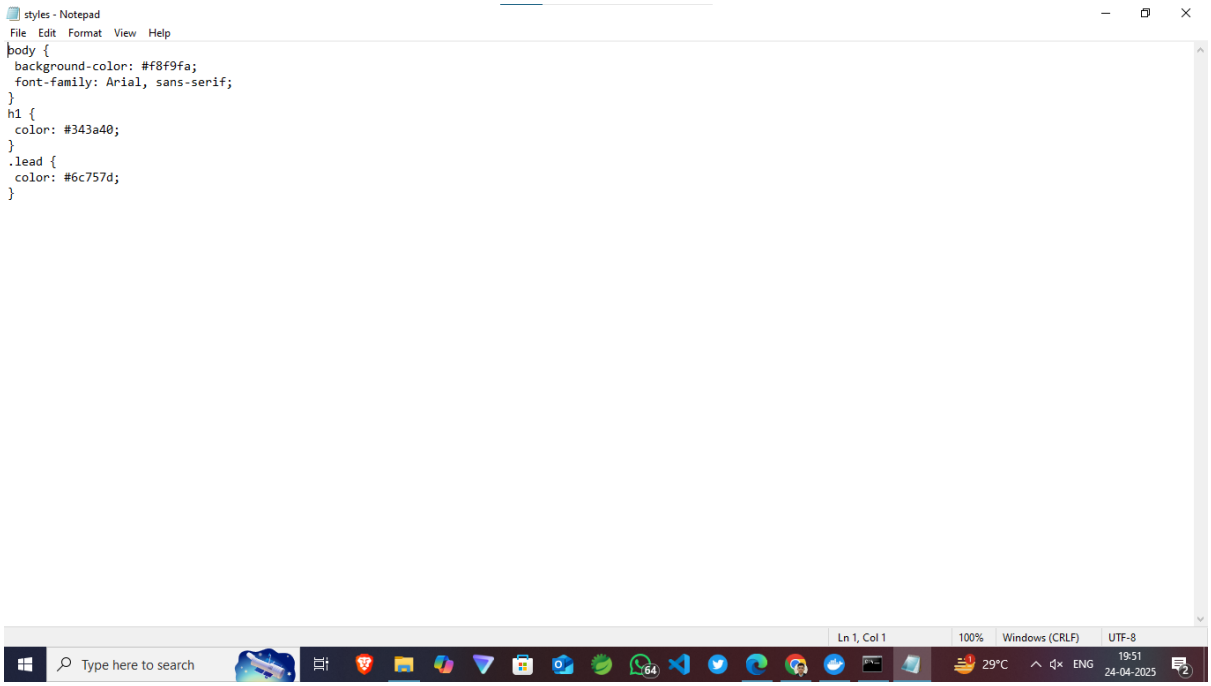


- **File: index.html**



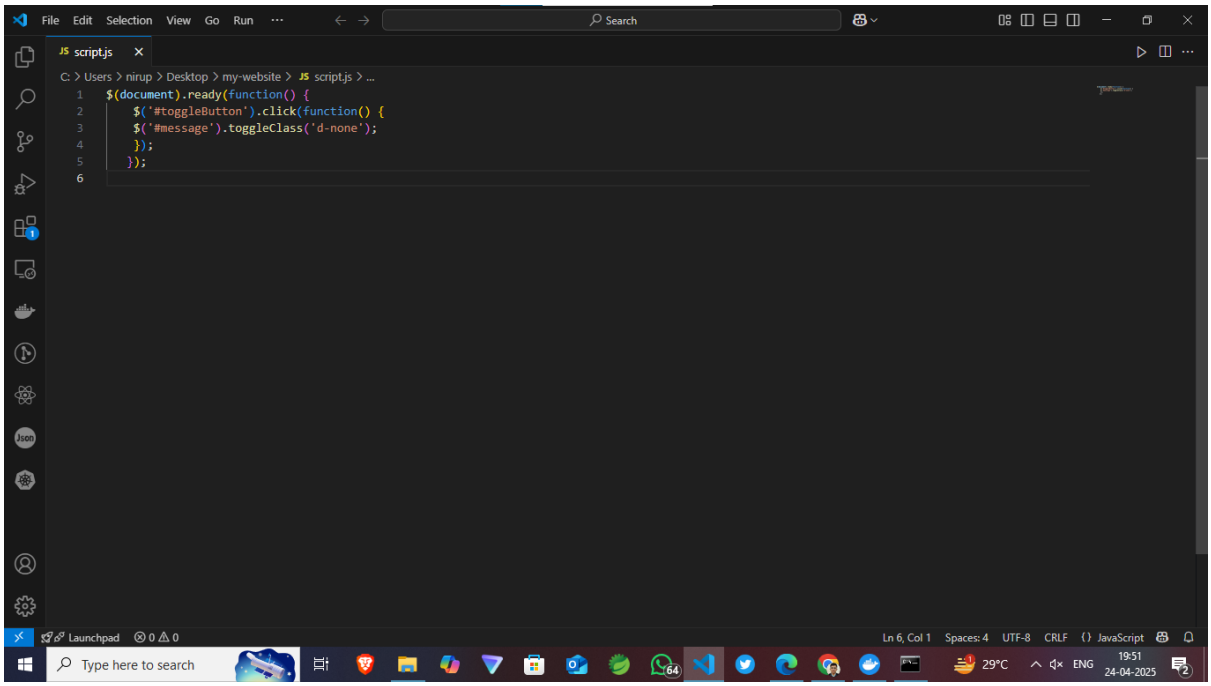
```
<!DOCTYPE html>
<html lang="en">
<head>
 <meta charset="UTF-8">
 <meta name="viewport" content="width=device-width, initial-scale=1.0">
 <title>My Docker Bootstrap Website</title>
 <!-- Bootstrap CSS -->
 <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css"
rel="stylesheet">
 <!-- Custom CSS -->
 <link rel="stylesheet" href="styles.css">
</head>
<body>
 <div class="container text-center mt-5">
 <h1 class="display-4">Welcome to My Docker Website!</h1>
 <p class="lead">This website uses Bootstrap, jQuery, and custom CSS, hosted with Nginx
and Docker.</p>
 <button id="toggleButton" class="btn btn-primary mt-3">Toggle Message</button>
 <p id="message" class="mt-3 d-none">Hello! This message was toggled using jQuery.</p>
 </div>
 <!-- jQuery -->
 <script src="https://cdn.jsdelivr.net/npm/jquery@3.7.1/dist/jquery.min.js"></script>
 <!-- Bootstrap JS -->
 <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js"></script>
 <!-- Custom JS -->
 <script src="script.js"></script>
</body>
</html>
```

- **File: styles.css**

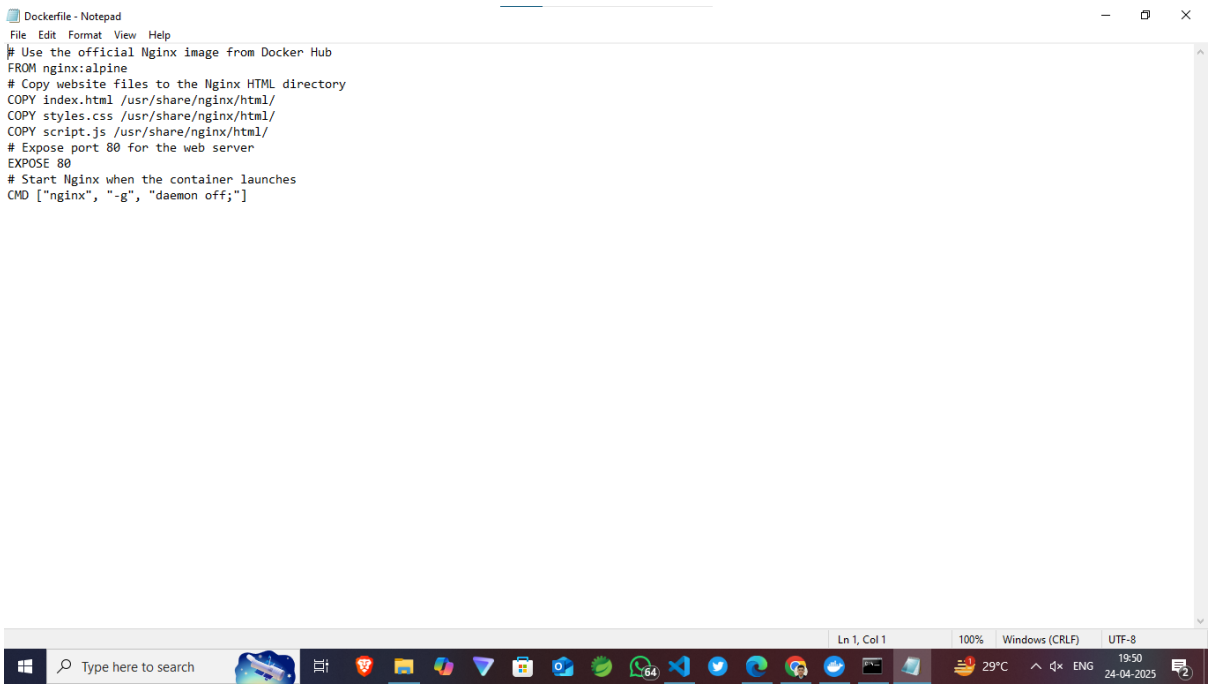


```
body {
 background-color: #f8f9fa;
 font-family: Arial, sans-serif;
}
h1 {
 color: #343a40;
}
.lead {
 color: #6c757d;
}
```

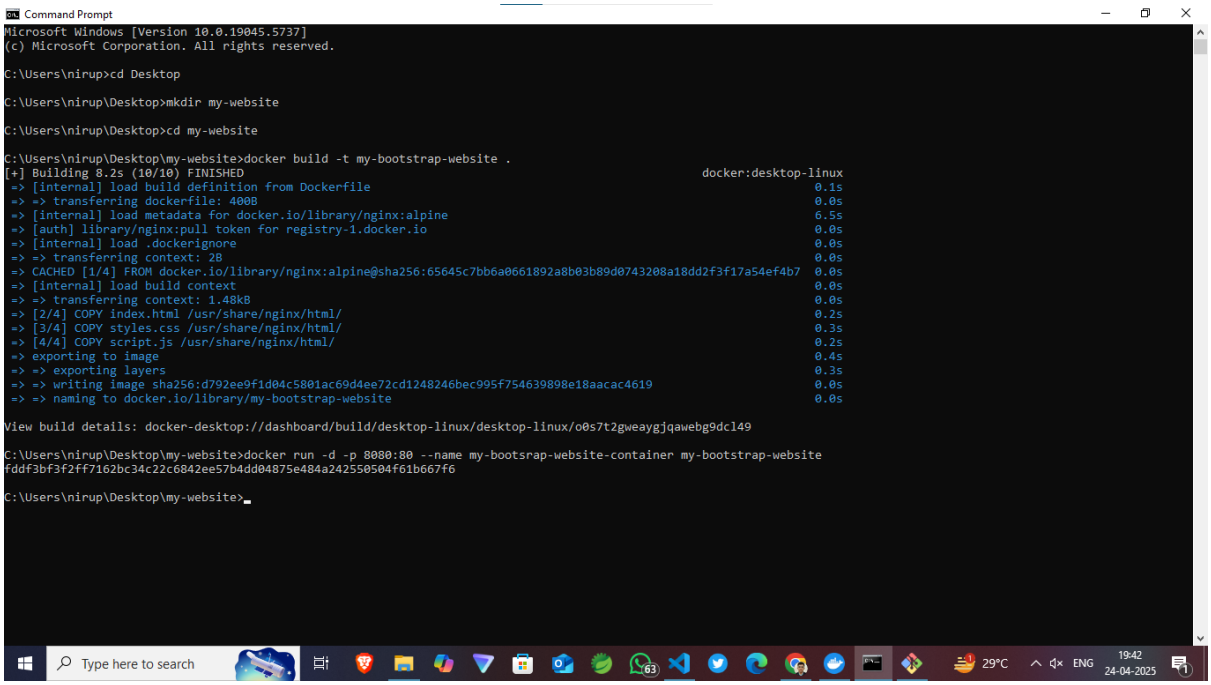
- **File: script.js**

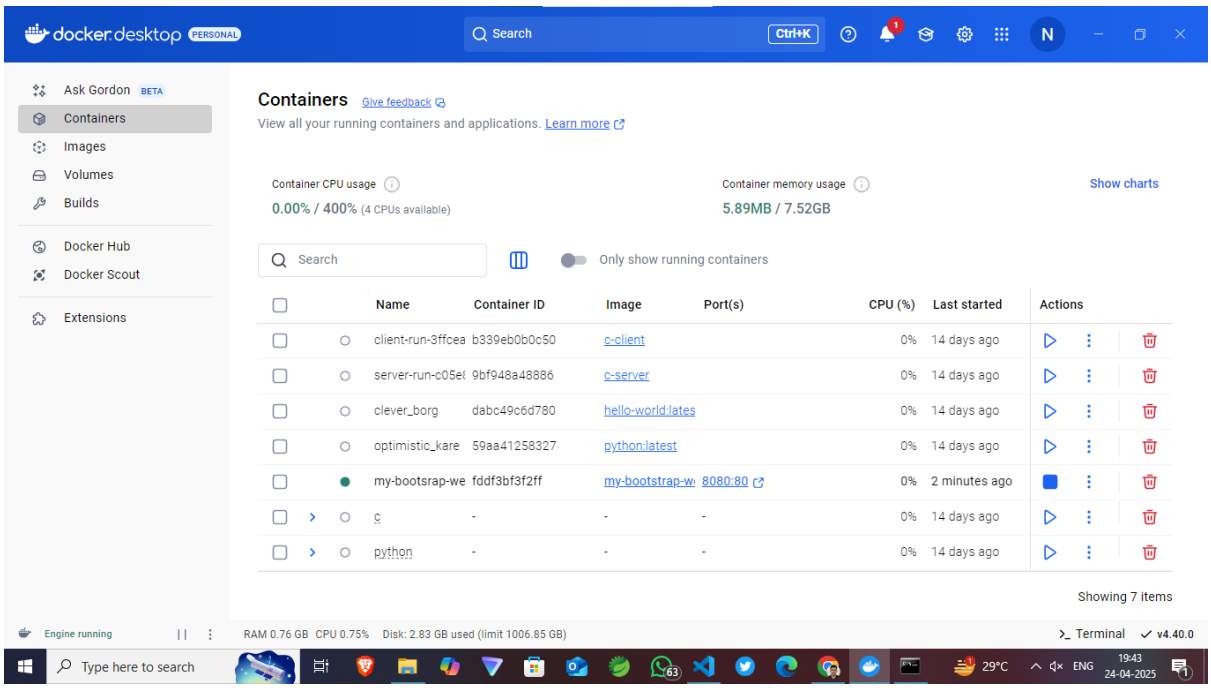


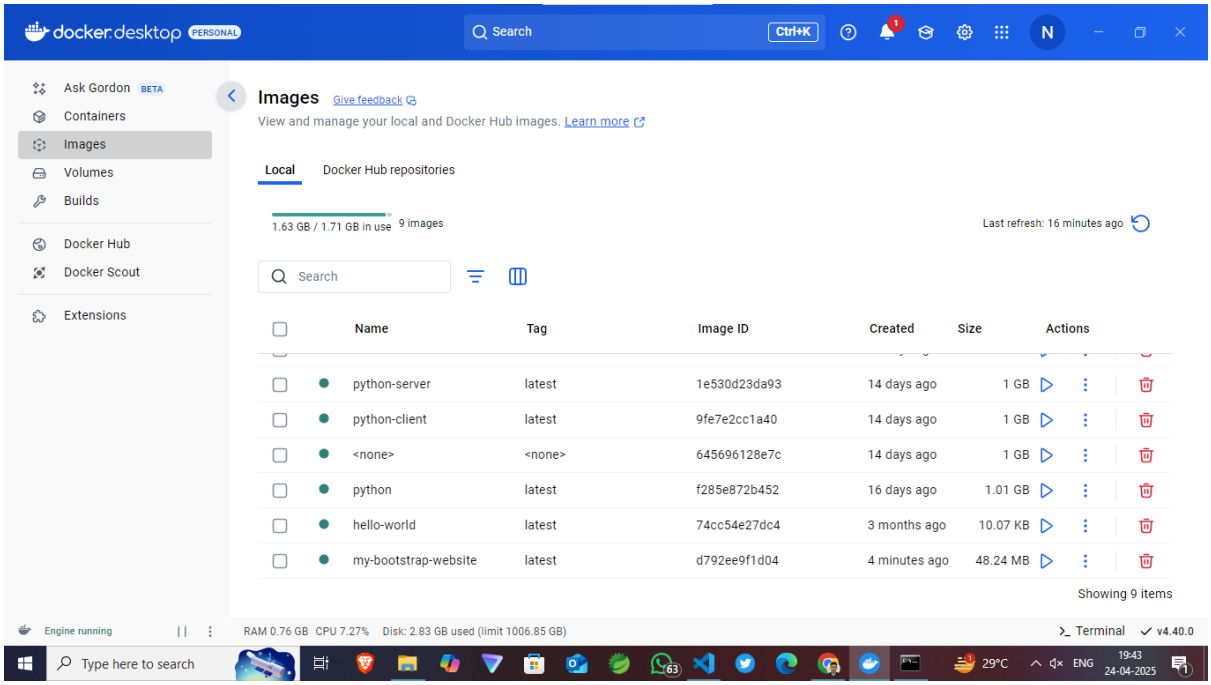

- **Creating Dockerfile**

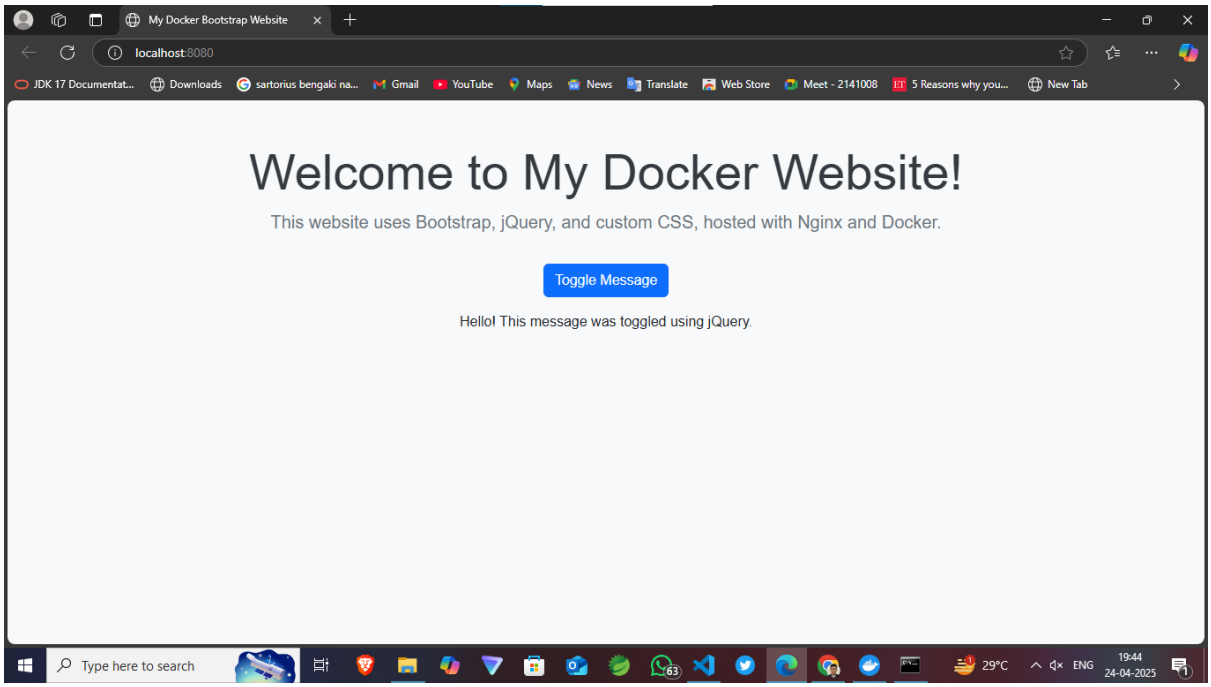


- **Building and Running the Docker Container**






- **Accessing the Website**