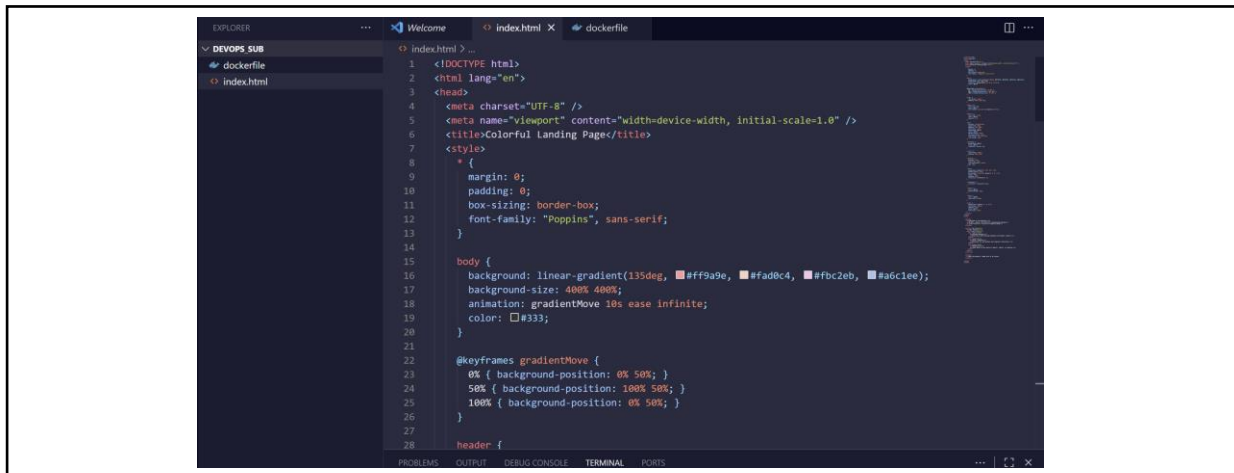


B2. Create and configure Jenkins files for workflow and build of an application and push the image

Application Source code

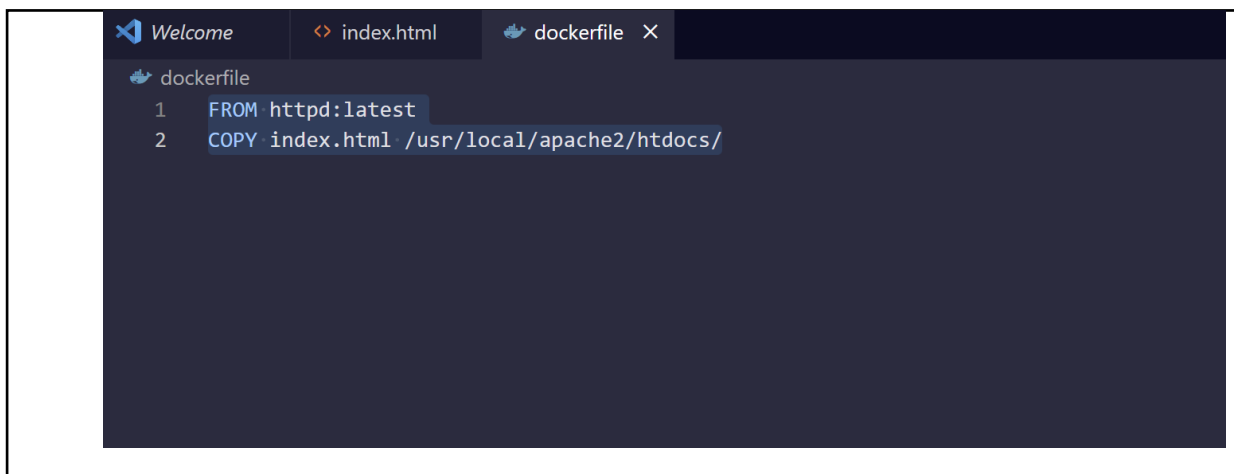


The screenshot shows a VS Code editor with two files open: index.html and dockerfile. The index.html file contains HTML code for a 'Colorful Landing Page' with a gradient background and a keyframe animation. The dockerfile file contains the Docker build instructions.

```

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>Colorful Landing Page</title>
7   <style>
8     * {
9       margin: 0;
10      padding: 0;
11      box-sizing: border-box;
12      font-family: "Poppins", sans-serif;
13    }
14
15    body {
16      background: linear-gradient(135deg, #ff9a9e, #fad0c4, #fbc02d, #a6c1ee);
17      background-size: 400% 400%;
18      animation: gradientMove 10s ease infinite;
19      color: #333;
20    }
21
22    @keyframes gradientMove {
23      0% { background-position: 0% 50%; }
24      50% { background-position: 100% 50%; }
25      100% { background-position: 0% 50%; }
26    }
27
28    header {
  
```

Dockerfile



The screenshot shows the Dockerfile content in the VS Code editor. The Dockerfile contains two instructions: FROM and COPY.

```

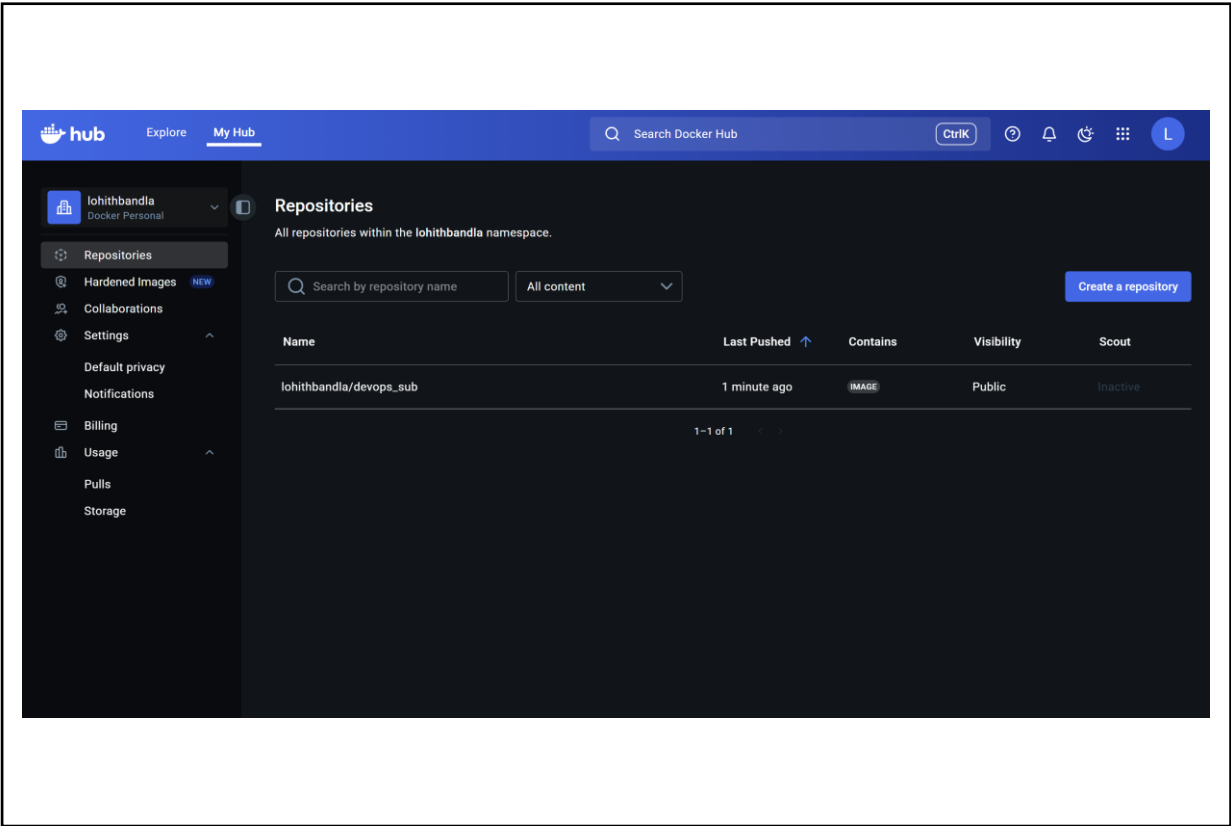
1 FROM httpd:latest
2 COPY index.html /usr/local/apache2/htdocs/
  
```

Command to Build image: `docker build -t devops_sub .`

Command to tag the image : `docker run -d --name devops_sub_container -p 8083:80 devops_sub`

Command to push the image : `docker push lohithbandla/devops_sub:v1`

Docker Hub



Configuration	Execution	Viva	Total	Verified By