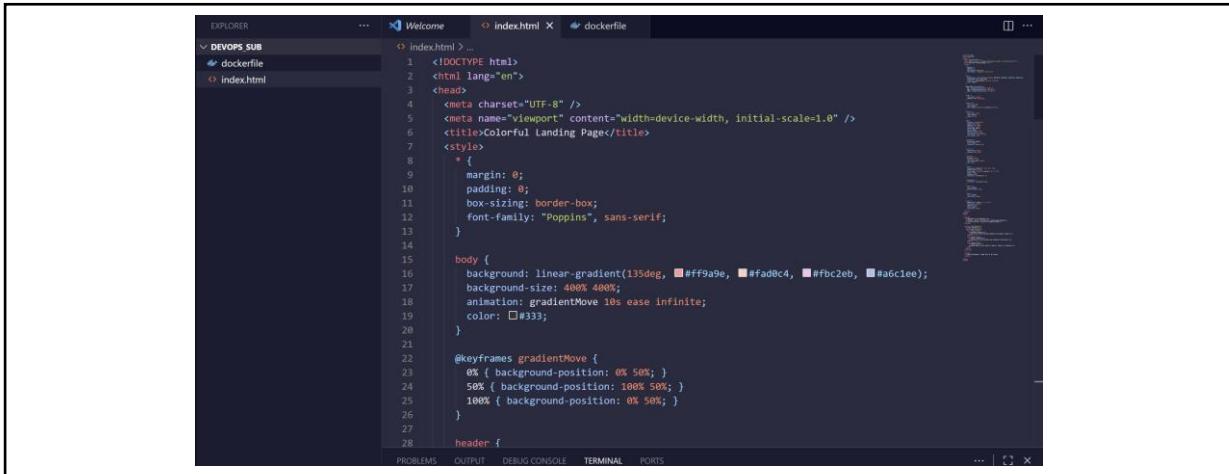


- B1.** Create a docker image for an application stored in local repository and run the application using docker image.

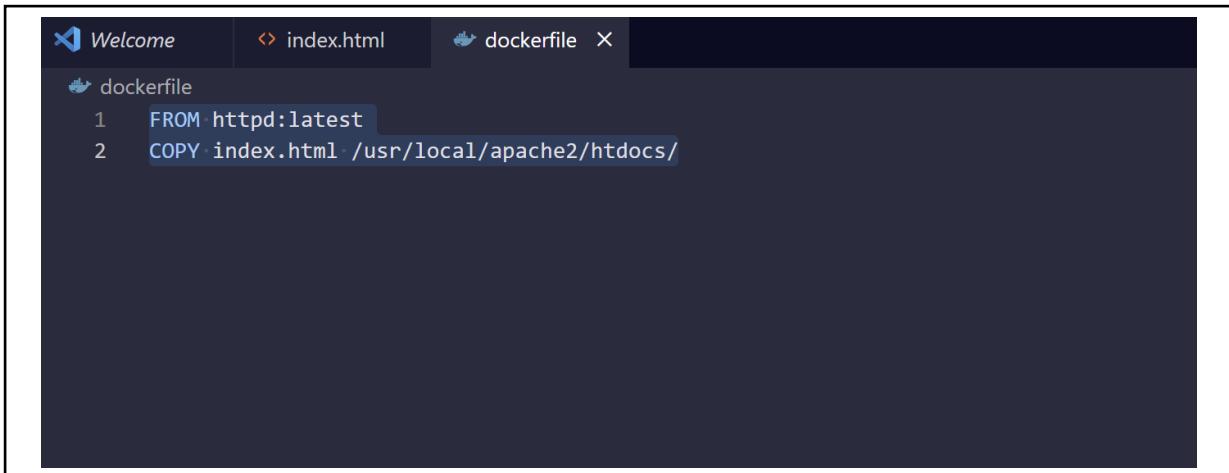
Application Source code



The screenshot shows a code editor interface with two tabs open: 'index.html' and 'dockerfile'. The 'index.html' tab displays a stylized CSS code for a landing page with a gradient background and a title 'Colorful Landing Page'. The 'dockerfile' tab shows a Dockerfile with two commands: 'FROM httpd:latest' and 'COPY index.html /usr/local/apache2/htdocs/'. The sidebar on the left shows a project structure named 'DEVOPS_SUB' containing 'index.html' and 'dockerfile'.

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Colorful Landing Page</title>
    <style>
        * {
            margin: 0;
            padding: 0;
            box-sizing: border-box;
            font-family: "Poppins", sans-serif;
        }
        body {
            background: linear-gradient(135deg, #ff9a9e, #fad0c4, #fbc2eb, #a6c1ee);
            background-size: 400% 400%;
            animation: gradientMove 10s ease infinite;
            color: #333;
        }
        @keyframes gradientMove {
            0% { background-position: 0% 50%; }
            50% { background-position: 100% 50%; }
            100% { background-position: 0% 50%; }
        }
        header {
    
```

Dockerfile



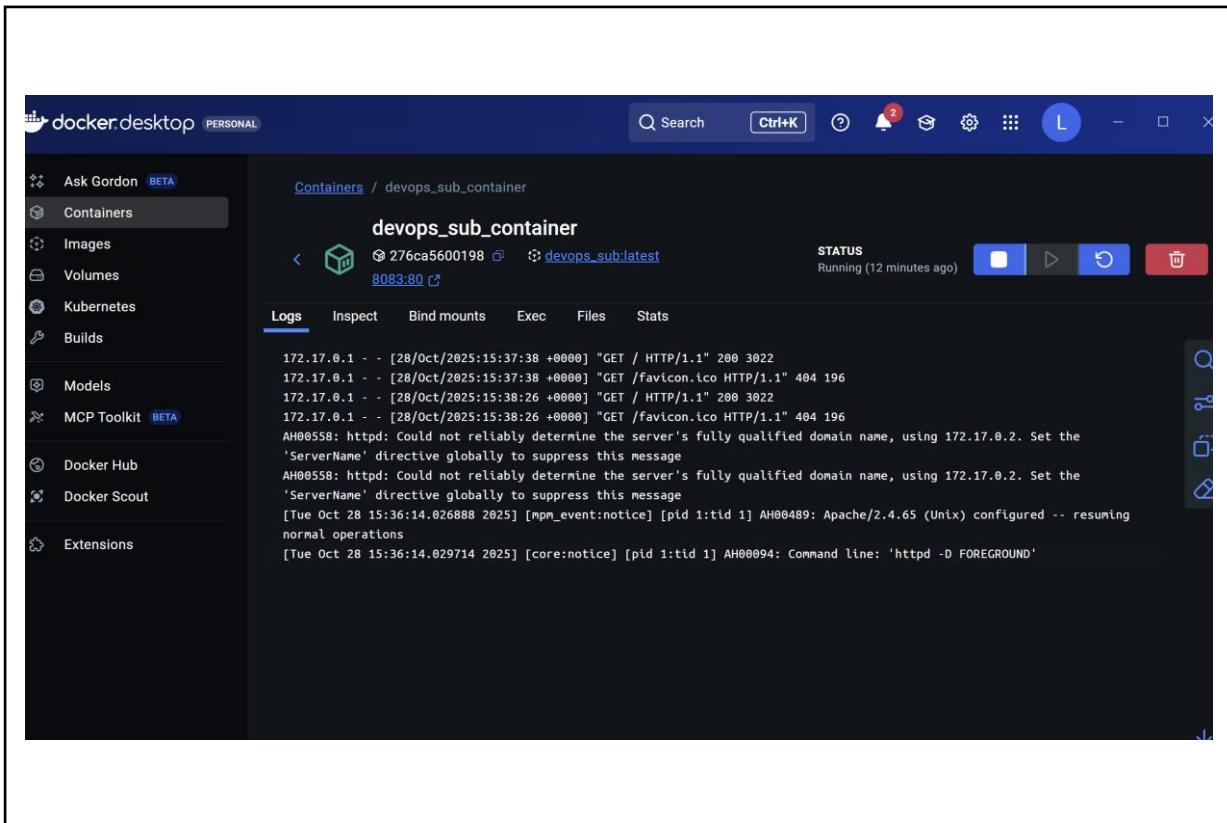
The screenshot shows a code editor interface with three tabs: 'Welcome', 'index.html', and 'dockerfile'. The 'dockerfile' tab is active and contains the following Dockerfile content:

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

Command to Build image: docker build -t devops_sub .

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

Docker container



Configuration	Execution	Viva	Total	Verified By