<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Welcome to My Custom Apache Server</title>

</head>

<body>

<h1>Hello, World!</h1>

<p>This is my custom HTML page served by Apache2.</p>

</body>

</html>

Updated Dockerfile.

# Use the official Ubuntu image as the base

FROM ubuntu:latest

# Set environment variables to prevent interactive prompts during package installation

ENV DEBIAN\_FRONTEND=noninteractive

# Update the package list and install Apache2

RUN apt-get update && \

apt-get install -y apache2 && \

apt-get clean && \

rm -rf /var/lib/apt/lists/\*

# Copy the sample HTML file to the default Apache web directory

COPY index.html /var/www/html/index.html

# Expose port 80

EXPOSE 80

# Start Apache2 in the foreground

CMD ["apache2ctl", "-D", "FOREGROUND"]