Nginx with Custom HTML Lab 4:

Nginx with Custom HTML

Description

This lab configures an Nginx server to display a custom message:
"Hello PNY Batch! Welcome to the Docker Nginx Lab."

Dockerfile

```dockerfile
# Use the official Nginx image
FROM nginx:latest

# Copy custom HTML to the Nginx web directory
COPY index.html /usr/share/nginx/html/

# Expose port 80 for HTTP traffic
EXPOSE 80

# Start Nginx (default behavior)
CMD ["nginx", "-g", "daemon off;"]
```

HTML File

Save the following content as `index.html`:

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0"/>
  <title>CloudifyTech - Cloud Services</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      background: #f4f7fa;
      margin: 0;
      padding: 0;
    }
    header {
      background: #007BFF;
```

Steps

1. Save the `Dockerfile` and `index.html` in the same directory.

2. Build the image:

```
docker build -t nginx-custom .
```

3. Run the container:

```
docker run -d -p 8083:80 nginx-custom
```

4. Visit `http://localhost:8083` to see the custom message.

```
docker build -t nginx-custom .
```