

# Build your own Docker image with Dockerfile

## Create a Sample Dockerfile

```
vi Dockerfile
```

Now, use the Dockerfile keywords to build a custom Docker container image:

```
FROM nginx:stable-alpine

WORKDIR /usr/share/nginx/html

COPY index.html .

EXPOSE 80
```

## Create a basic html page

```
vi index.html
```

Paste the following content in the editor:

```
<!DOCTYPE html>
<html>
<head>
  <title> ibb-tech </title>
</head>
<body>
  <h2> Hi, Welcome to ibb-tech Docker Labs </h2>
</body>
</html>
```

## Build Your Docker Image

```
docker build -t my-html-app .
```

## Launch a Container Using the Image

```
docker run -p 80:80 my-html-app
```

## Verify the Container

Open a web browser and access your server's public IP address with port 80 (e.g.,

```
curl ifconfig.co
```

```
root@docker:~# curl ifconfig.co
46.101.129.164
root@docker:~#
```

`http://your-server-ip:80`) to verify that your web application is running.

← → ↻ ⚠ Not Secure http://46.101.129.164

# Hi, Welcome to ibb-tech Docker Labs