

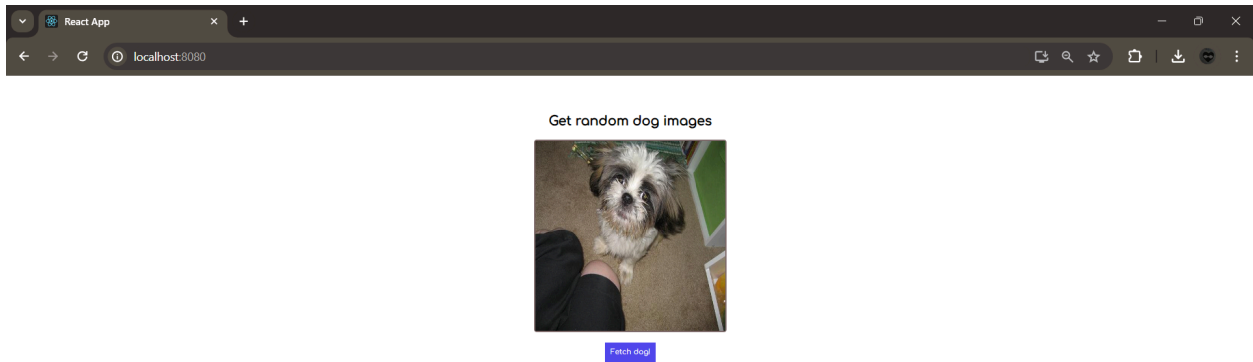
## WAD ASSIGNMENT 4B

### 1.Dockerise the application:

```
PS H:\wad\4b\react-ebn> docker build -t react-ebn .
[+] Building 120.6s (14/14) FINISHED
=> [internal] load build definition from Dockerfile
=> => transferring dockerfile: 627B
=> [internal] load .dockerignore
=> => transferring context: 2B
=> [internal] load metadata for docker.io/library/nginx:latest
=> [internal] load metadata for docker.io/library/node:17.1-alpine
=> [build-stage 1/6] FROM docker.io/library/node:17.1-alpine@sha256:993bdfb0da7ae8fa4dad7282f797e3e26e88f810d410e0b0409d132d1fb17af3
=> => resolve docker.io/library/node:17.1-alpine@sha256:993bdfb0da7ae8fa4dad7282f797e3e26e88f810d410e0b0409d132d1fb17af3
=> => sha256:993bdfb0da7ae8fa4dad7282f797e3e26e88f810d410e0b0409d132d1fb17af3 1.43kB / 1.43kB
=> => sha256:174f2b236352d46f218a7d842d5475238f5b1b40114a38f44b60a3455efbcc39 1.16kB / 1.16kB
=> => sha256:9e17f47b0a78bcf81e4401505587db539c53437c91854b3d4d931ee47fb89374 6.53kB / 6.53kB
=> => sha256:97518928ae5f3d52d4164b314a7e73654eb686ecd8aafa0b79acd980773a740d 2.82MB / 2.82MB
=> => sha256:97518928ae5f3d52d4164b314a7e73654eb686ecd8aafa0b79acd980773a740d 2.82MB / 2.82MB

PS H:\wad\4b\react-ebn> docker run --name react-ebn_c -p 8080:80 react-ebn
/docker-entrypoint.sh: /docker-entrypoint.d/ is not empty, will attempt to perform configuration
/docker-entrypoint.sh: Looking for shell scripts in /docker-entrypoint.d/
/docker-entrypoint.sh: Launching /docker-entrypoint.d/10-listen-on-ipv6-by-default.sh
10-listen-on-ipv6-by-default.sh: info: Getting the checksum of /etc/nginx/conf.d/default.conf
10-listen-on-ipv6-by-default.sh: info: Enabled listen on IPv6 in /etc/nginx/conf.d/default.conf
/docker-entrypoint.sh: Sourcing /docker-entrypoint.d/15-local-resolvers.envsh
/docker-entrypoint.sh: Launching /docker-entrypoint.d/20-envsubst-on-templates.sh
/docker-entrypoint.sh: Launching /docker-entrypoint.d/30-tune-worker-processes.sh
/docker-entrypoint.sh: Configuration complete; ready for start up
2024/04/22 04:46:34 [notice] 1#1: using the "epoll" event method
2024/04/22 04:46:34 [notice] 1#1: nginx/1.25.5
2024/04/22 04:46:34 [notice] 1#1: built by gcc 12.2.0 (Debian 12.2.0-14)
2024/04/22 04:46:34 [notice] 1#1: OS: Linux 5.15.133.1-microsoft-standard-WSL2
2024/04/22 04:46:34 [notice] 1#1: getrlimit(RLIMIT_NOFILE): 1048576:1048576
2024/04/22 04:46:34 [notice] 1#1: start worker processes
2024/04/22 04:46:34 [notice] 1#1: start worker process 29
2024/04/22 04:46:34 [notice] 1#1: start worker process 30
2024/04/22 04:46:34 [notice] 1#1: start worker process 31
2024/04/22 04:46:34 [notice] 1#1: start worker process 32
2024/04/22 04:46:34 [notice] 1#1: start worker process 33
2024/04/22 04:46:34 [notice] 1#1: start worker process 34
2024/04/22 04:46:34 [notice] 1#1: start worker process 35
```

Docker image running on port 8080:



## 2.Adding code to a Git repository

```
PS H:\wad\4b\react-ebn> git init
Initialized empty Git repository in H:\wad\4b\react-ebn\.git/
PS H:\wad\4b\react-ebn> git add .
PS H:\wad\4b\react-ebn> git commit -m "Initial commit"
[master (root-commit) a986121] Initial commit
21 files changed, 17428 insertions(+)
create mode 100644 .gitignore
create mode 100644 Dockerfile
create mode 100644 README.md
create mode 100644 package-lock.json
create mode 100644 package.json
create mode 100644 public/favicon.ico
create mode 100644 public/index.html
create mode 100644 public/logo192.png
create mode 100644 public/logo512.png
create mode 100644 public/manifest.json
create mode 100644 public/robots.txt
create mode 100644 src/App.css
create mode 100644 src/App.js
create mode 100644 src/App.test.js
create mode 100644 src/components/Dogs.jsx
create mode 100644 src/index.css
create mode 100644 src/index.js
create mode 100644 src/logo.svg
create mode 100644 src/reportWebVitals.js
create mode 100644 src/setupTests.js
create mode 100644 src/styles/dogs.css
PS H:\wad\4b\react-ebn> git remote add origin "https://github.com/Himanshu-Sangshetti/RandomDogImages.git"
PS H:\wad\4b\react-ebn> git branch -M main
PS H:\wad\4b\react-ebn> git push -u -f origin main
Enumerating objects: 27, done.
Counting objects: 100% (27/27), done.
Delta compression using up to 16 threads
Compressing objects: 100% (25/25), done.
Writing objects: 100% (27/27), 170.54 KiB | 10.66 MiB/s, done.
Total 27 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Himanshu-Sangshetti/RandomDogImages.git
 * [new branch]      main -> main
```

### 3. Creating an Elastic Beanstalk application

```
16) eu-west-2 : EU (London)
17) eu-west-3 : EU (Paris)
18) eu-north-1 : EU (Stockholm)
19) eu-south-1 : EU (Milano)
20) ap-east-1 : Asia Pacific (Hong Kong)
21) me-south-1 : Middle East (Bahrain)
22) il-central-1 : Middle East (Tel Aviv)
23) af-south-1 : Africa (Cape Town)
24) ap-southeast-3 : Asia Pacific (Sydney)
25) ap-northeast-3 : Asia Pacific (Tokyo)
(default is 3): 6

Select an application to use:
1) assf
2) [ Create new Application ]
(default is 2): 1

It appears you are using Docker running on 64bit Amazon Linux 2
(Y/n): Y
Select a platform branch.
1) Docker running on 64bit Amazon Linux 2
2) ECS running on 64bit Amazon Linux 2
3) Docker running on 64bit Amazon Linux 2
4) ECS running on 64bit Amazon Linux 2
(default is 1): 1

Do you wish to continue with CodeCommit? (Y/n): Y

Enter Repository Name
(default is "origin"): RandomDogImages
Successfully created repository: RandomDogImages

Enter Branch Name
***** Must have at least one commit to create a new branch with CodeCommit *****
(default is "main"): main
```

```
Enter Branch Name
***** Must have at least one commit to create a new branch with CodeCommit *****
(default is "main"): main
Successfully created branch: main
Do you want to set up SSH for your instances?
(Y/n): y

Select a keypair.
1) ct
2) [ Create new KeyPair ]
(default is 1): 2

Type a keypair name.
(Default is aws-eb): keypair
Generating public/private rsa key pair.
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in C:\Users\himan\.ssh\keypair
Your public key has been saved in C:\Users\himan\.ssh\keypair.pub
The key fingerprint is:
SHA256:77yvk0PvDdHfR9sDKYUATl6c2w6c6gLD0B3nfJUVMA keypair
The key's randomart image is:
+---[RSA 3072]---+
| .ooooo. |
| .E o . |
| .. o. |
| . o. O.+ |
| . o o + S. *= . |
| . o + .*+. * |
| . o o. ** = |
| o ..o+o.* |
| . ..=Bo o |
+----[SHA256]-----+
WARNING: Uploaded SSH public key for "keypair" into EC2 for region ap-south-1.
```

#### 4. Created a S3 bucket on successful execution:

