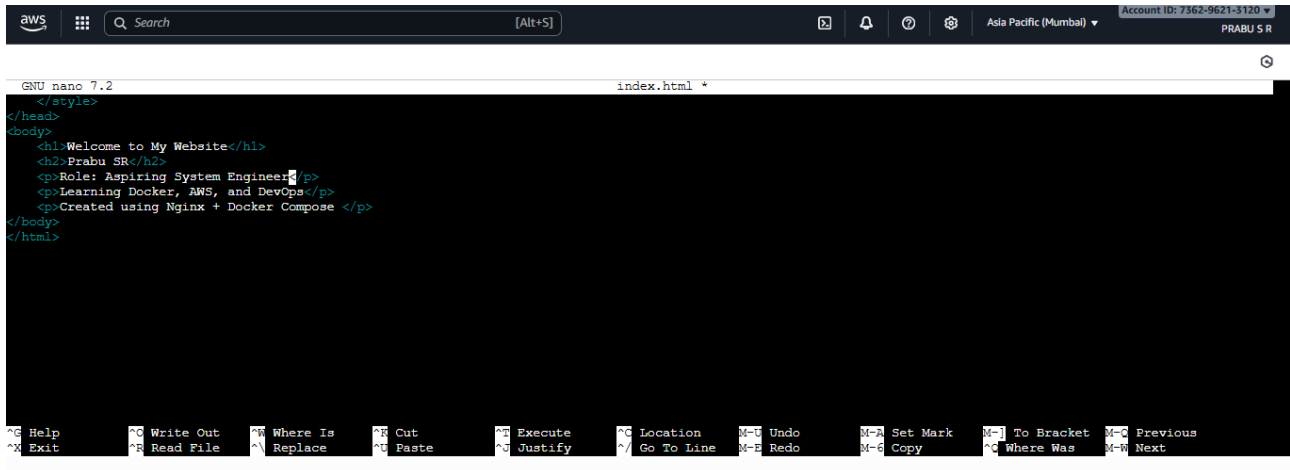


Docker Task -2

Create a dockerfile, docker-compose file which when executed must display your basic details in the website.

1. Index.html

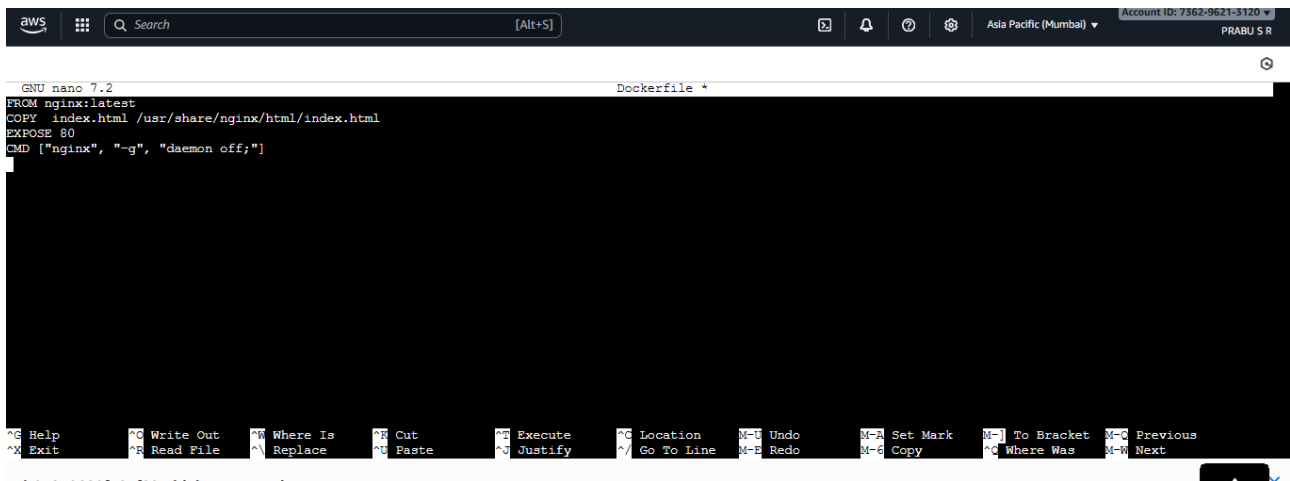


The screenshot shows a nano editor window titled 'index.html *'. The content of the file is as follows:

```
</style>
</head>
<body>
  <h1>Welcome to My Website</h1>
  <h2>Prabu SR</h2>
  <p>Role: Aspiring System Engineer</p>
  <p>Learning Docker, AWS, and DevOps</p>
  <p>Created using Nginx + Docker Compose</p>
</body>
</html>
```

The bottom of the screen shows the nano editor's command palette with various shortcuts like ^G Help, ^O Write Out, ^W Where Is, etc.

2. Dockerfile



The screenshot shows a nano editor window titled 'Dockerfile *'. The content of the file is as follows:

```
FROM nginx:latest
COPY index.html /usr/share/nginx/html/index.html
EXPOSE 80
CMD ["nginx", "-g", "daemon off;"]
```

The bottom of the screen shows the nano editor's command palette with various shortcuts like ^G Help, ^O Write Out, ^W Where Is, etc.

3. Enable port 8080 in Security group and then start build the image

```
aws
[Alt+S]
Account ID: 7362-9621-3120
PRABU S R

ubuntu@ip-172-31-8-18:~$ nano index.html
ubuntu@ip-172-31-8-18:~$ nano Dockerfile
ubuntu@ip-172-31-8-18:~$ docker build -t my-nginx-app .
[+] Building 1.7s (7/7) FINISHED
=> [internal] load build definition from Dockerfile
=> => transferring dockerfile: 149B
=> [internal] load metadata for docker.io/library/nginx:latest
=> [internal] load .dockerignore
=> => transferring context: 2B
=> [internal] load build context
=> => transferring context: 884B
=> CACHED [1/2] FROM docker.io/library/nginx:latest@sha256:3b7732505933ca591ce4a6d860cb713ad96a3176b82f7979a8dfa9973486a0d6
=> [2/2] COPY index.html /usr/share/nginx/html/index.html
=> exporting to image
=> => exporting layers
=> => writing image sha256:8c48487decl1fe238d1f79cdf2643c7fc7a69d6872aa0bccde0b4e665544b03
=> => naming to docker.io/library/my-nginx-app
6986fa3a4f802aa1c030fc8fb56072eee4b614d253d610996b44baedc7b2cf9
ubuntu@ip-172-31-8-18:~$ docker run -d -p 8080:80 --name my-profile my-nginx-app
i-04849680f384f291d (ubuntuserver)
PublicIPs: 43.204.114.124 PrivateIPs: 172.31.8.18
```

4. run in brower in port 8080

