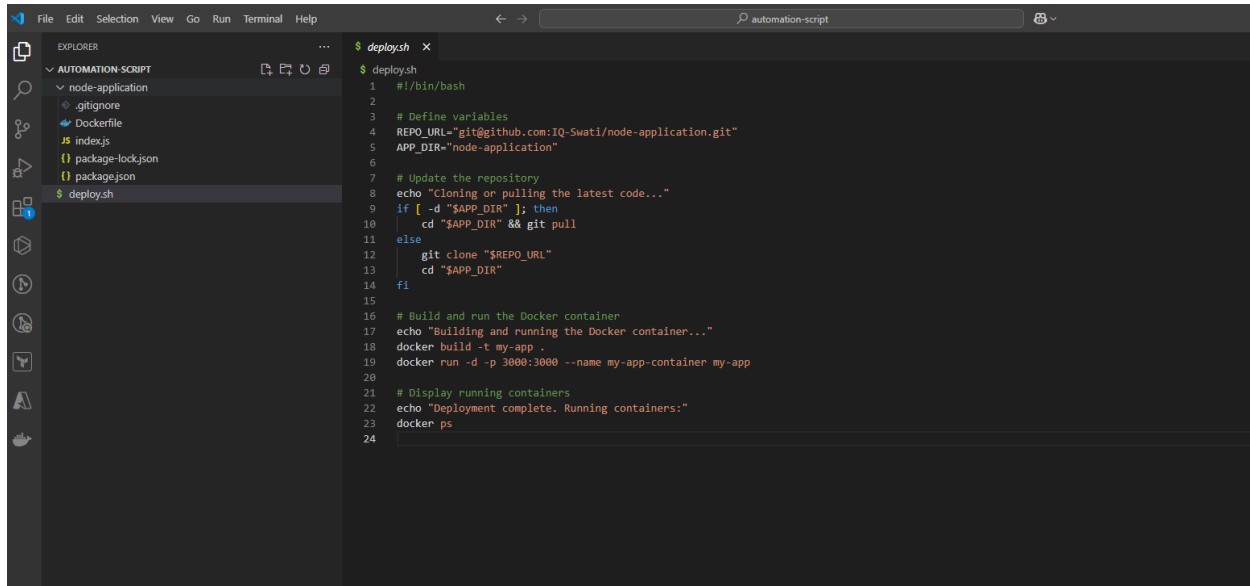


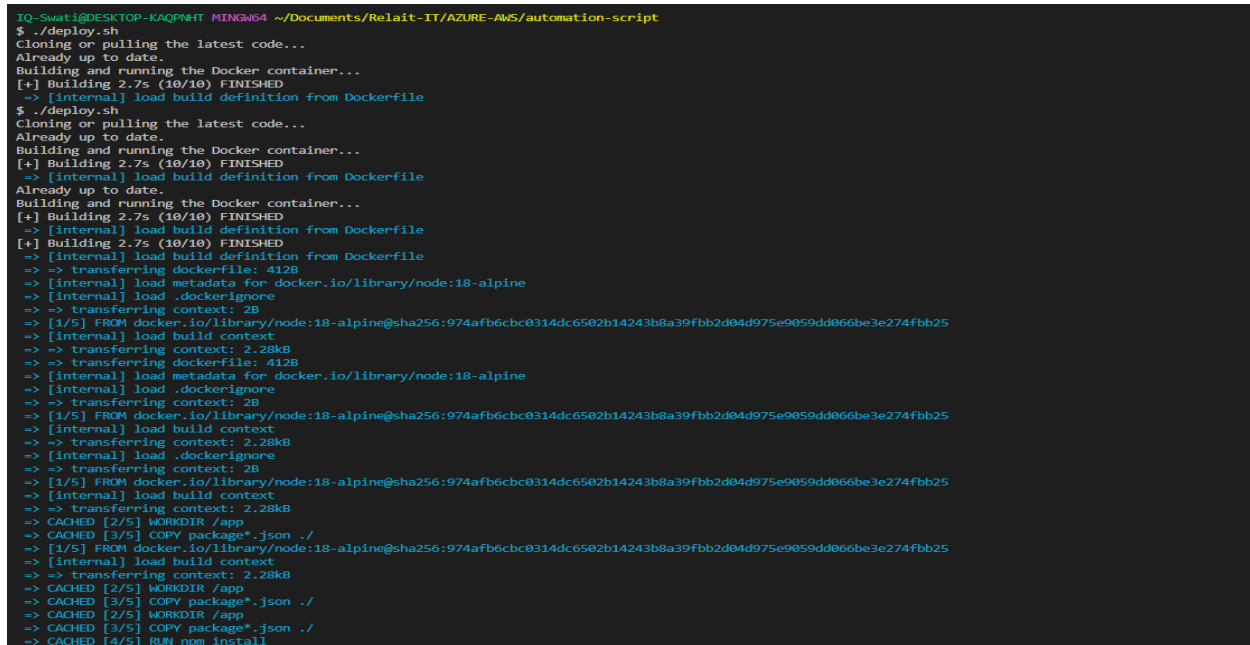
AUTOMATION SCRIPT

- Deploy.sh code:



```
1 #!/bin/bash
2
3 # Define variables
4 REPO_URL="git@github.com:IQ-Swati/node-application.git"
5 APP_DIR="node-application"
6
7 # Update the repository
8 echo "Cloning or pulling the latest code..."
9 if [ -d "$APP_DIR" ]; then
10     cd "$APP_DIR" && git pull
11 else
12     git clone "$REPO_URL"
13     cd "$APP_DIR"
14 fi
15
16 # Build and run the Docker container
17 echo "Building and running the Docker container..."
18 docker build -t my-app .
19 docker run -d -p 3000:3000 --name my-app-container my-app
20
21 # Display running containers
22 echo "Deployment complete. Running containers:"
23 docker ps
24
```

- Running the Script:



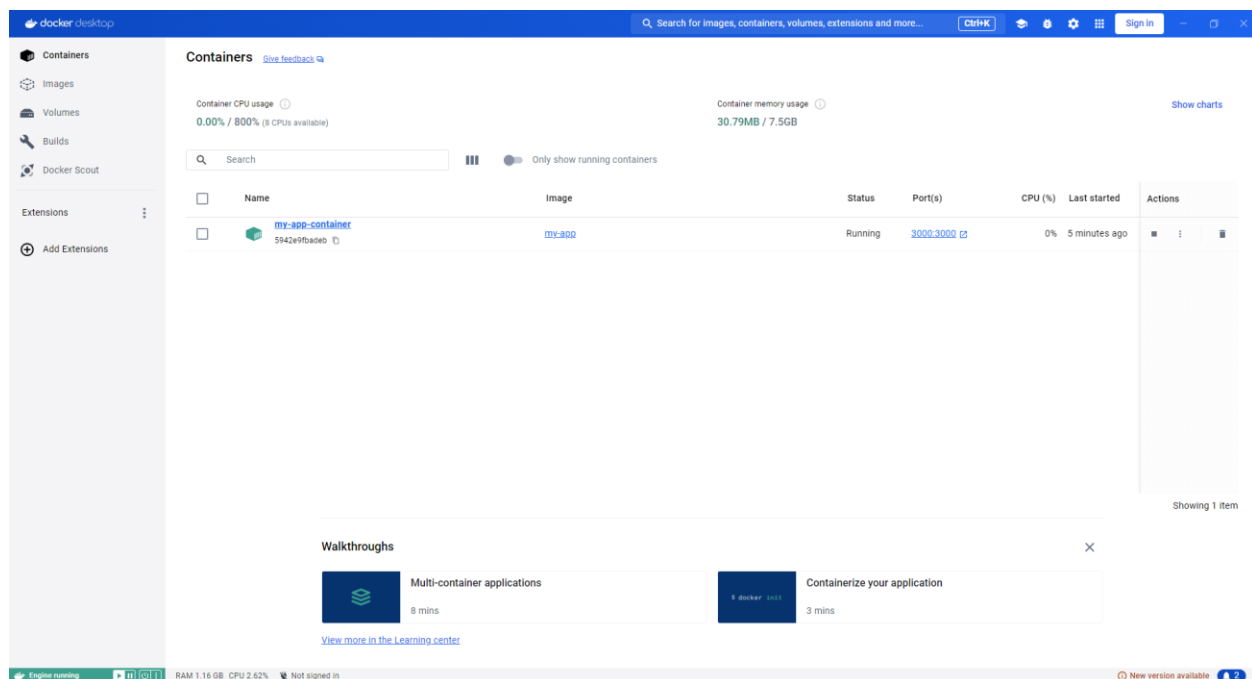
```
TQ-Swati@DESKTOP-KAQPNHT MINGW64 ~/Documents/Relait-IT/AZURE-AWS/automation-script
$ ./deploy.sh
Cloning or pulling the latest code...
Already up to date.
Building and running the Docker container...
[+] Building 2.7s (10/10) FINISHED
=> [internal] load build definition from Dockerfile
$ ./deploy.sh
Cloning or pulling the latest code...
Already up to date.
Building and running the Docker container...
[+] Building 2.7s (10/10) FINISHED
=> [internal] load build definition from Dockerfile
Already up to date.
Building and running the Docker container...
[+] Building 2.7s (10/10) FINISHED
=> [internal] load build definition from Dockerfile
=> transferring dockerfile: 412B
=> [internal] load metadata for docker.io/library/node:18-alpine
=> [internal] load .dockerignore
=> transferring context: 2B
=> [1/5] FROM docker.io/library/node:18-alpine@sha256:974afb6cbc0314dc6502b14243b8a39fbb2d04d975e9059dd066be3e274fbb25
=> [internal] load build context
=> transferring context: 2.28kB
=> transferring dockerfile: 412B
=> [internal] load metadata for docker.io/library/node:18-alpine
=> [internal] load .dockerignore
=> transferring context: 2B
=> [1/5] FROM docker.io/library/node:18-alpine@sha256:974afb6cbc0314dc6502b14243b8a39fbb2d04d975e9059dd066be3e274fbb25
=> [internal] load build context
=> transferring context: 2.28kB
=> CACHED [2/5] WORKDIR /app
=> CACHED [3/5] COPY package*.json ./
=> [1/5] FROM docker.io/library/node:18-alpine@sha256:974afb6cbc0314dc6502b14243b8a39fbb2d04d975e9059dd066be3e274fbb25
=> [internal] load build context
=> transferring context: 2.28kB
=> CACHED [2/5] WORKDIR /app
=> CACHED [3/5] COPY package*.json ./
=> CACHED [2/5] WORKDIR /app
=> CACHED [3/5] COPY package*.json ./
=> CACHED [3/5] COPY package*.json ./
=> CACHED [4/5] RUN npm install
```

- Printing the Running Container:

```
Deployment complete. Running containers:
CONTAINER ID   IMAGE      COMMAND                  CREATED        STATUS        PORTS                               NAMES
5942e9fbadeb   my-app     "docker-entrypoint.s..." 2 seconds ago Up Less than a second 0.0.0.0:3000->3000/tcp            my-app-container

IQ-Swati@DESKTOP-KAQPNHT MINGW64 ~/Documents/Relait-IT/AZURE-AWS/automation-script
$
```

- Docker Desktop: Container



- Docker Desktop: Images

