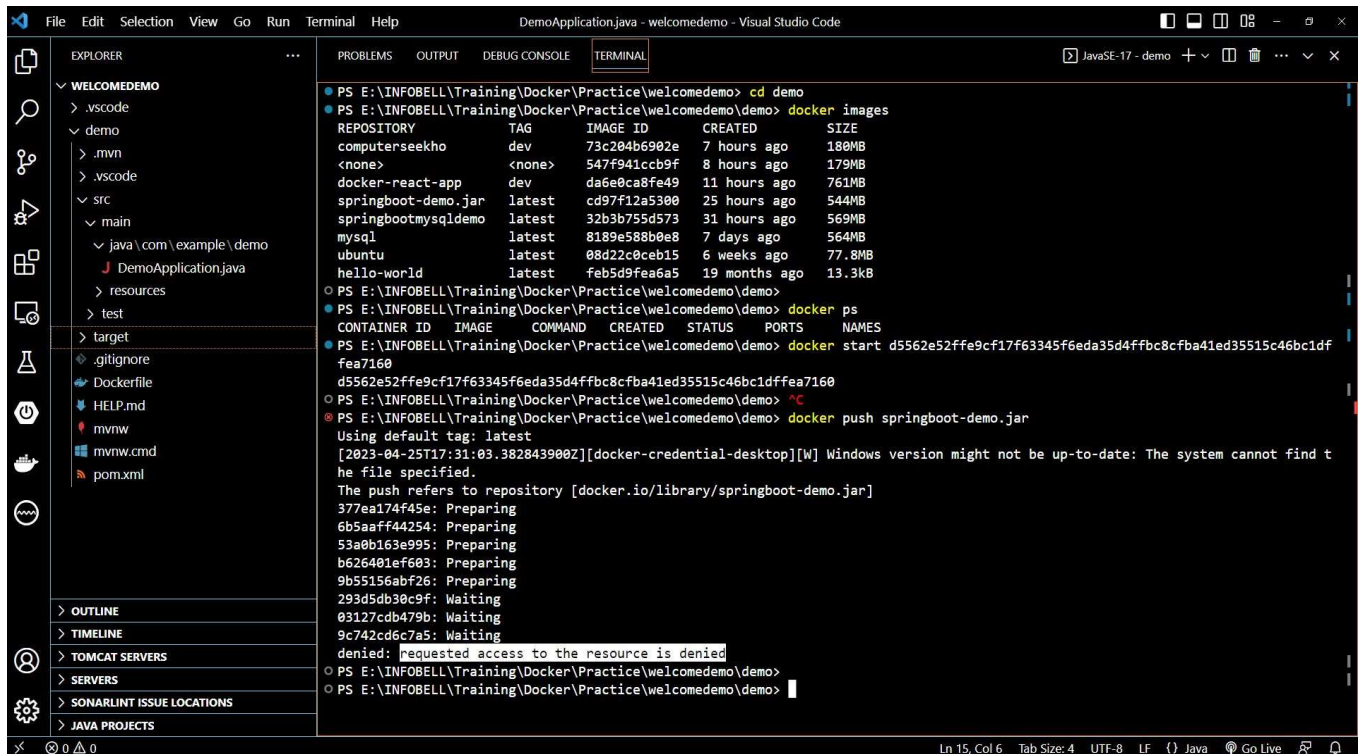


- Image PUSH to Docker Hub

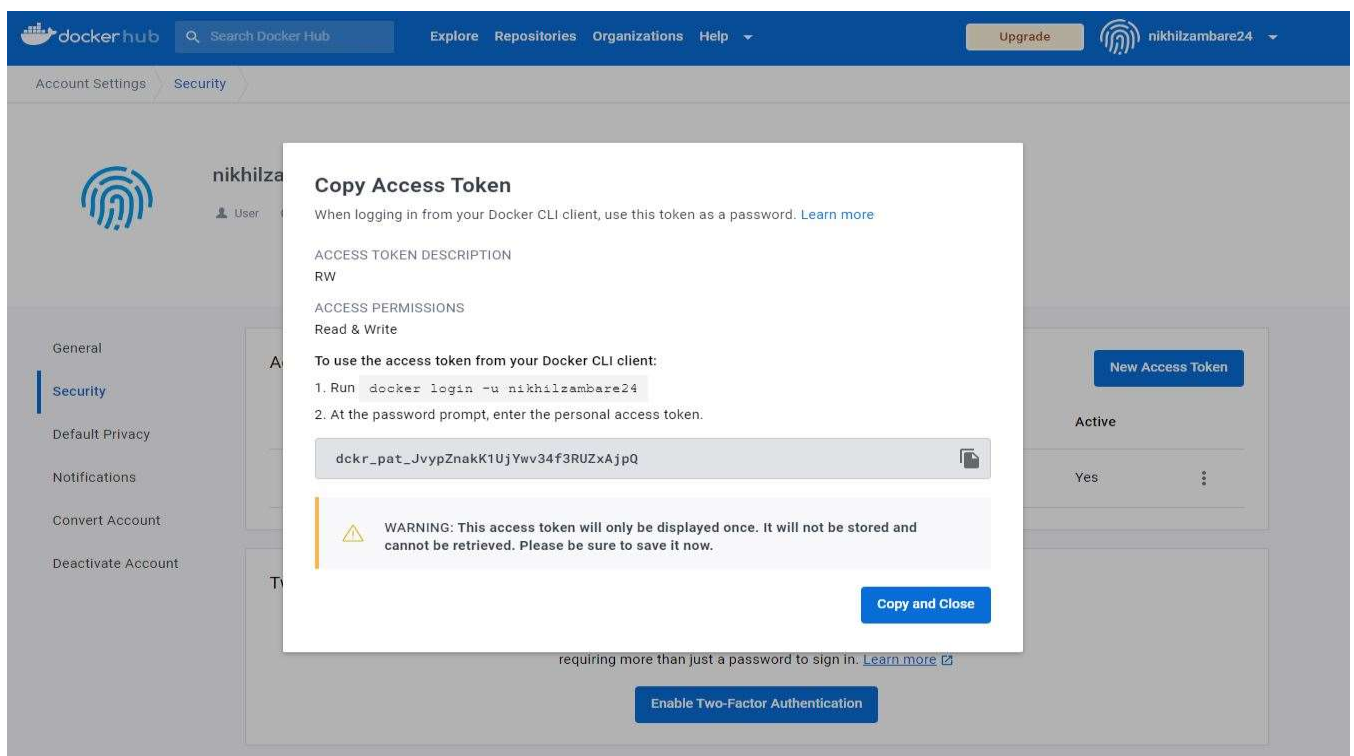
// Checked Images & tried to push. (Request access to resource is denied) (need to login to docker hub)



The screenshot shows a Visual Studio Code window with a terminal open. The terminal displays the following commands and output:

```
PS E:\INFOBELL\Training\Docker\Practice\welcomedemo> cd demo
PS E:\INFOBELL\Training\Docker\Practice\welcomedemo> docker images
REPOSITORY          TAG                 IMAGE ID            CREATED             SIZE
computerseekho      dev                73c204b6902e       7 hours ago        180MB
<none>               <none>            547f941ccb9f       8 hours ago        179MB
docker-react-app     dev                da6e0ca8fe49       11 hours ago       761MB
springboot-demo.jar  latest            cd97f12a5300       25 hours ago       544MB
springbootmysqldemo  latest            32b3b755d573       31 hours ago       569MB
mysql                latest            8189e588b0e8       7 days ago         564MB
ubuntu               latest            08d22c0ceb15       6 weeks ago        77.8MB
hello-world          latest            feb5d9fea6a5       19 months ago      13.3kB
PS E:\INFOBELL\Training\Docker\Practice\welcomedemo> docker ps
CONTAINER ID        IMAGE               COMMAND             CREATED             STATUS             PORTS             NAMES
PS E:\INFOBELL\Training\Docker\Practice\welcomedemo> docker start d5562e52ffe9cf17f63345f6eda35d4ffbc8cfba41ed35515c46bc1df
fea7160
d5562e52ffe9cf17f63345f6eda35d4ffbc8cfba41ed35515c46bc1dffea7160
PS E:\INFOBELL\Training\Docker\Practice\welcomedemo> ^C
PS E:\INFOBELL\Training\Docker\Practice\welcomedemo> docker push springboot-demo.jar
Using default tag: latest
[2023-04-25T17:31:03.382843900Z][docker-credential-desktop][W] Windows version might not be up-to-date: The system cannot find t
he file specified.
The push refers to repository [docker.io/library/springboot-demo.jar]
377ea174f45e: Preparing
6b5aaff44254: Preparing
53a0b163e995: Preparing
b626401ef603: Preparing
9b55156abf26: Preparing
293d5db30c9f: Waiting
03127cdb479b: Waiting
9c742cd6c7a5: Waiting
denied: requested access to the resource is denied
PS E:\INFOBELL\Training\Docker\Practice\welcomedemo>
PS E:\INFOBELL\Training\Docker\Practice\welcomedemo>
```

// Generated an Access token on docker hub to login securely through CLI



// Given Write & Read permissions to Access token

The screenshot shows the Docker Hub account settings for user **nikhilzambare24**. The **Security** tab is selected, displaying the **Access Tokens** section. A table lists the existing access tokens:

| | Description | Scope | Last Used | Created | Active |
|--------------------------|-------------|--------------|-----------|-----------------------|--------|
| <input type="checkbox"/> | • RW | Read & Write | Never | Apr 25, 2023 23:15:53 | Yes |

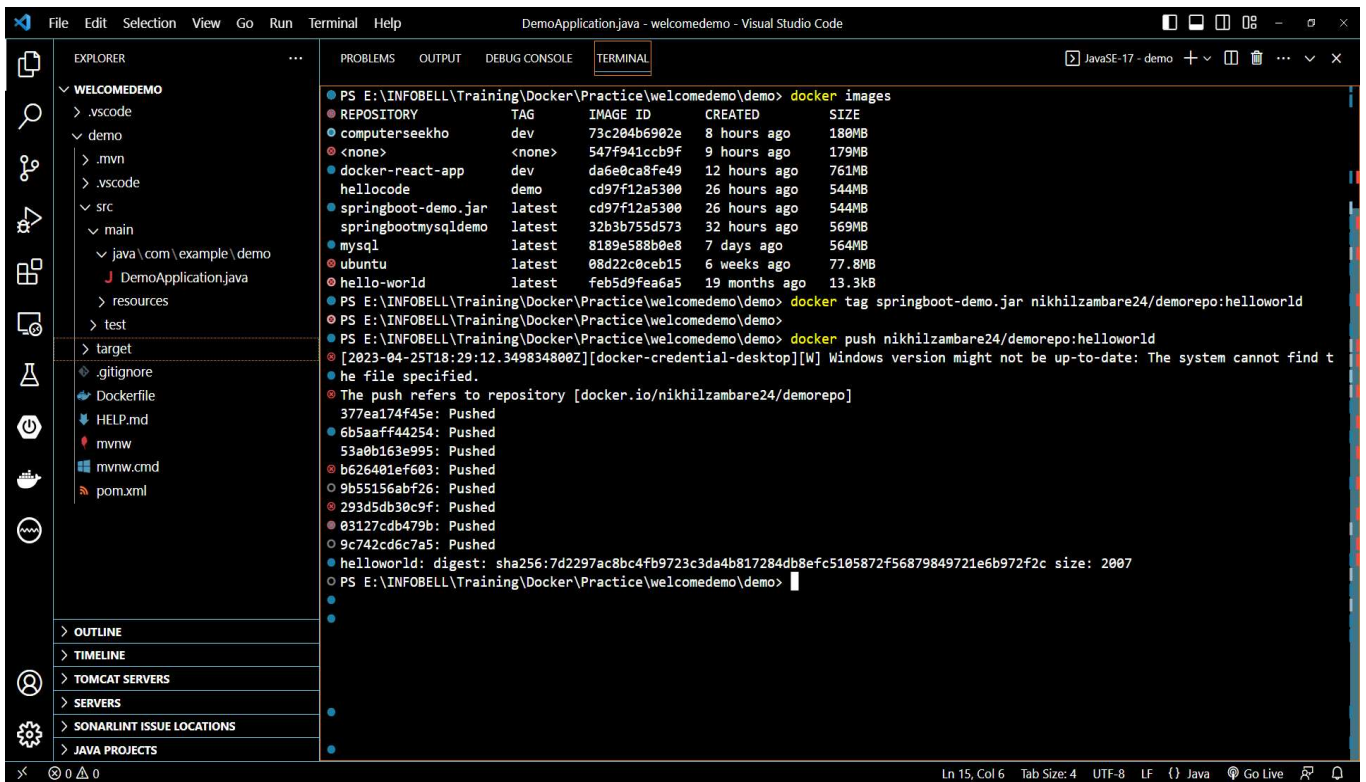
Below the table, the **Two-Factor Authentication** section indicates it is not enabled yet, with a button to **Enable Two-Factor Authentication**.

// Logged in to docker hub successfully using Access token

The screenshot shows a Visual Studio Code terminal window with the following commands and output:

```
PS E:\INFOBELL\Training\Docker\Practice\welcomedemo\demo> docker login --username nikhilzambare24 --password dckr_pat_Q1pjAzPgoY
izbNdLXlKWJOHeKzw
WARNING! Using --password via the CLI is insecure. Use --password-stdin.
[2023-04-25T18:11:11.636091800Z][docker-credential-desktop][W] Windows version might not be up-to-date: The system cannot find the file specified.
Login Succeeded
[2023-04-25T18:11:12.131287200Z][docker-credential-desktop][W] Windows version might not be up-to-date: The system cannot find the file specified.
Logging in with your password grants your terminal complete access to your account.
For better security, log in with a limited-privilege personal access token. Learn more at https://docs.docker.com/go/access-token/
PS E:\INFOBELL\Training\Docker\Practice\welcomedemo\demo> docker images
REPOSITORY          TAG                 IMAGE ID            CREATED             SIZE
computerseekho      dev                73c204b6902e       8 hours ago        180MB
<none>               <none>             547f941ccb9f       9 hours ago        179MB
docker-react-app     dev                da6e0ca8fe49       12 hours ago       761MB
springboot-demo.jar  latest            cd97f12a5300       26 hours ago       544MB
springbootmysqldemo latest            32b3b755d573       32 hours ago       569MB
mysql                latest            8189e588b0e8       7 days ago         564MB
ubuntu               latest            08d22c0ceb15       6 weeks ago        77.8MB
hello-world          latest            feb5d9fea6a5       19 months ago      13.3kB
PS E:\INFOBELL\Training\Docker\Practice\welcomedemo\demo>
```

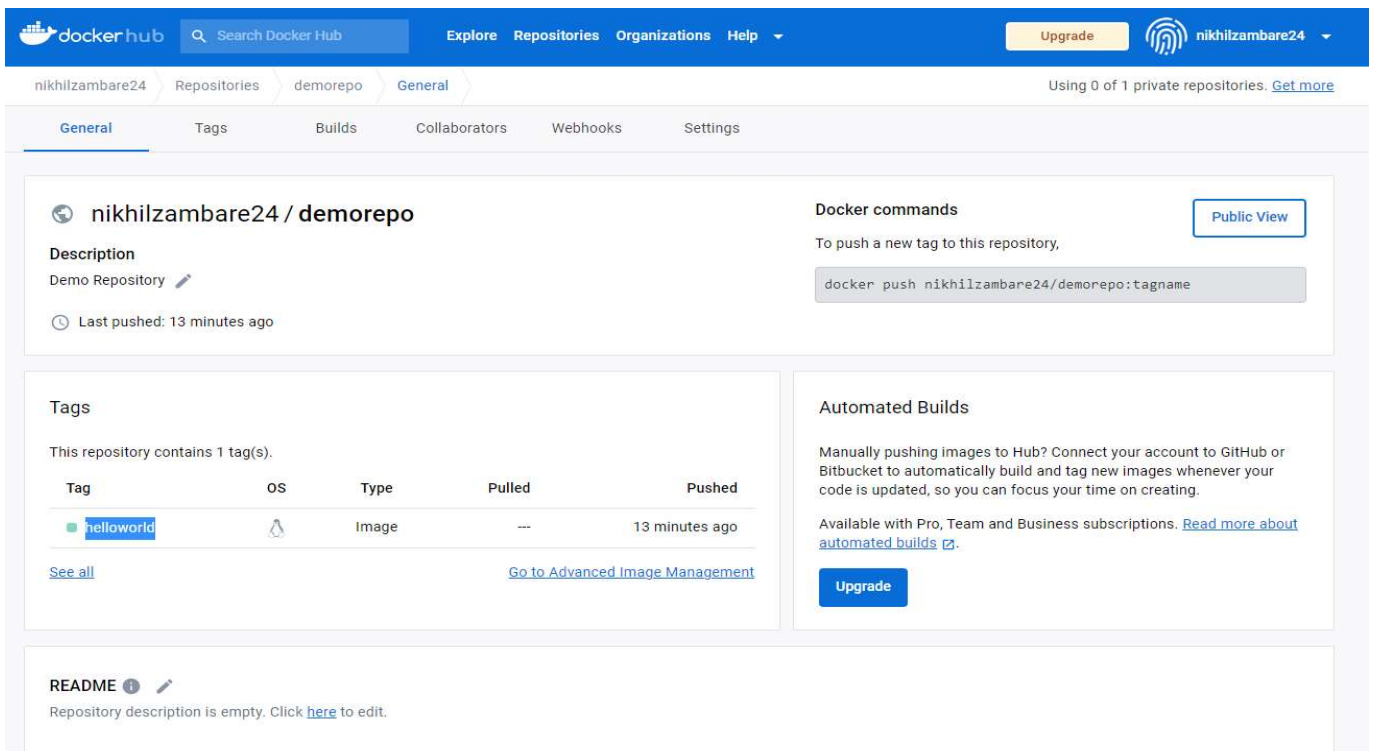
// Created tag for image to be uploaded on docker hub as helloworld & to Push on docker hub by using ""docker push"" command



```
PS E:\INFOBELL\Training\Docker\Practice\welcomedemo\demo> docker images
REPOSITORY          TAG                 IMAGE ID            CREATED             SIZE
computerseekho      dev                 73c204b6902e       8 hours ago        180MB
<none>              <none>             547f941ccb9f       9 hours ago        179MB
docker-react-app    dev                 da6e0ca8fe49       12 hours ago       761MB
hellocode           demo               cd97f12a5300       26 hours ago       544MB
springboot-demo.jar latest             cd97f12a5300       26 hours ago       544MB
springbootmysqldemo latest             32b3b755d573       32 hours ago       569MB
mysql               latest             8189e588b0e8       7 days ago         564MB
ubuntu              latest             08d22c0ceb15       6 weeks ago        77.8MB
hello-world         latest             feb5d9fea6a5       19 months ago      13.3kB

PS E:\INFOBELL\Training\Docker\Practice\welcomedemo\demo> docker tag springboot-demo.jar nikhilzambare24/demorepo:helloworld
PS E:\INFOBELL\Training\Docker\Practice\welcomedemo\demo> docker push nikhilzambare24/demorepo:helloworld
[2023-04-25T18:29:12.349834800Z][docker-credential-desktop][W] Windows version might not be up-to-date: The system cannot find the file specified.
The push refers to repository [docker.io/nikhilzambare24/demorepo]
377ea174f45e: Pushed
6b5aaff44254: Pushed
53a0b163e995: Pushed
b626401ef603: Pushed
9b55156abf26: Pushed
293d5db30c9f: Pushed
03127cdb479b: Pushed
9c742cd6c7a5: Pushed
helloworld: digest: sha256:7d2297ac8bc4fb9723c3da4b817284db8efc5105872f56879849721e6b972f2c size: 2007
PS E:\INFOBELL\Training\Docker\Practice\welcomedemo\demo>
```

// The Image has been pushed to Docker hub on demorepo repository.



The screenshot shows the Docker Hub interface for the repository **nikhilzambare24 / demorepo**. The repository is a Demo Repository, last pushed 13 minutes ago. It contains one tag, **helloworld**, which is an Image type. The page also displays Docker commands for pushing a new tag and information about automated builds.

| Tag | OS | Type | Pulled | Pushed |
|------------|-------|-------|--------|----------------|
| helloworld | linux | Image | --- | 13 minutes ago |