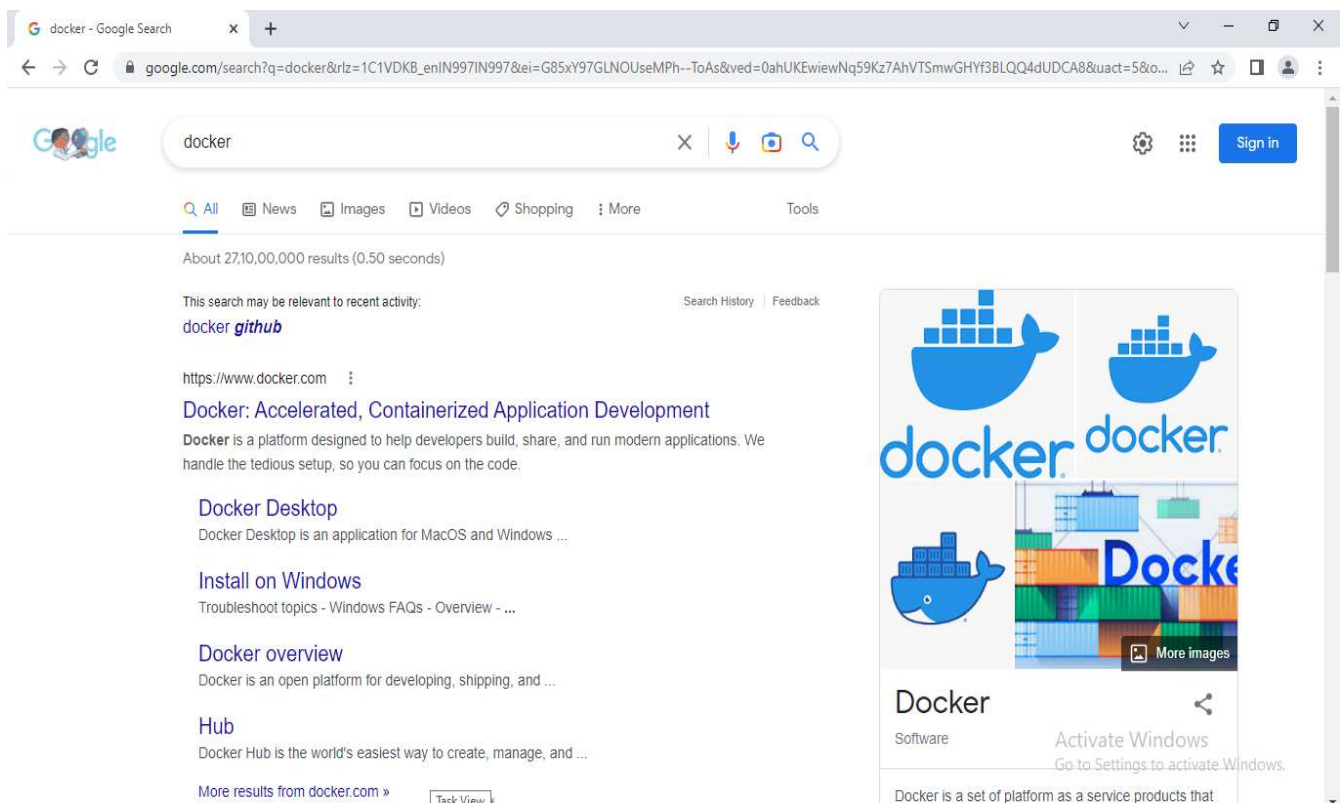


# Setting Up Application Environment

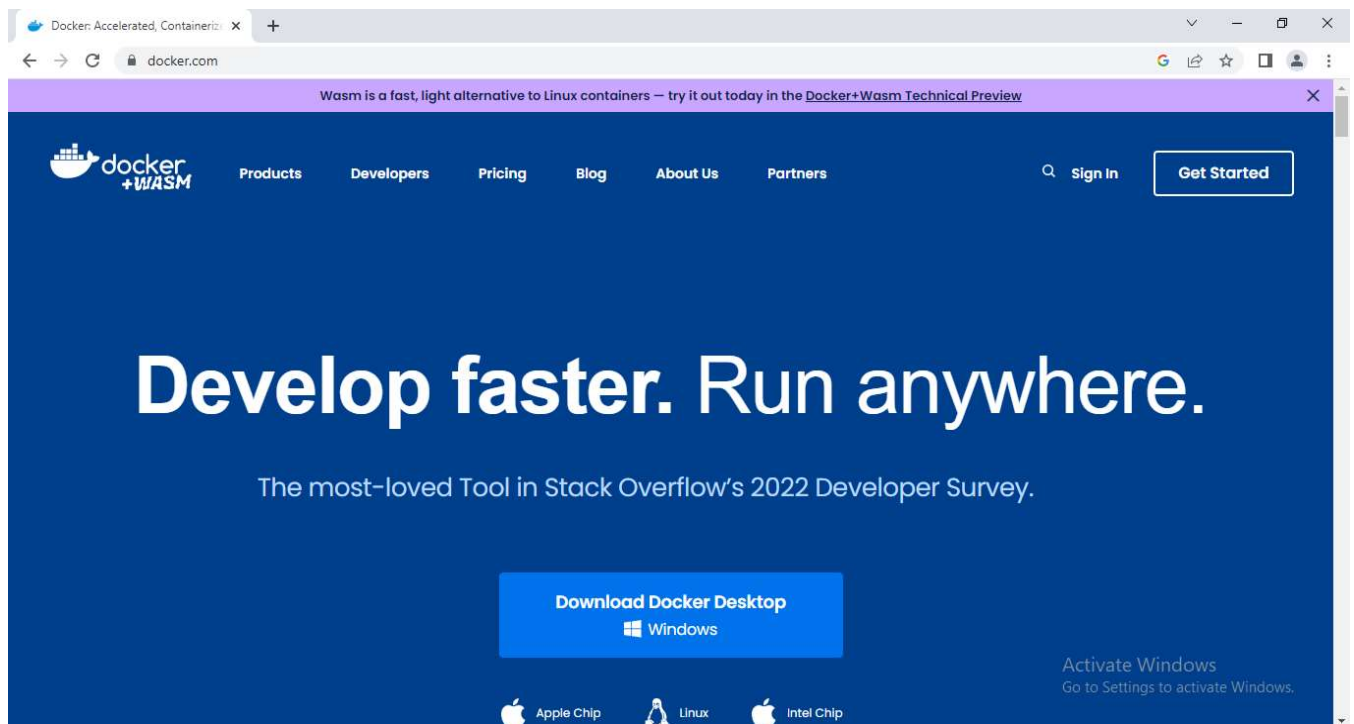
## Docker CLI Installation

Team ID	PNT2022TMID48233
Project Name	PERSONAL EXPENSE TRACKER
Date	13-10-2022

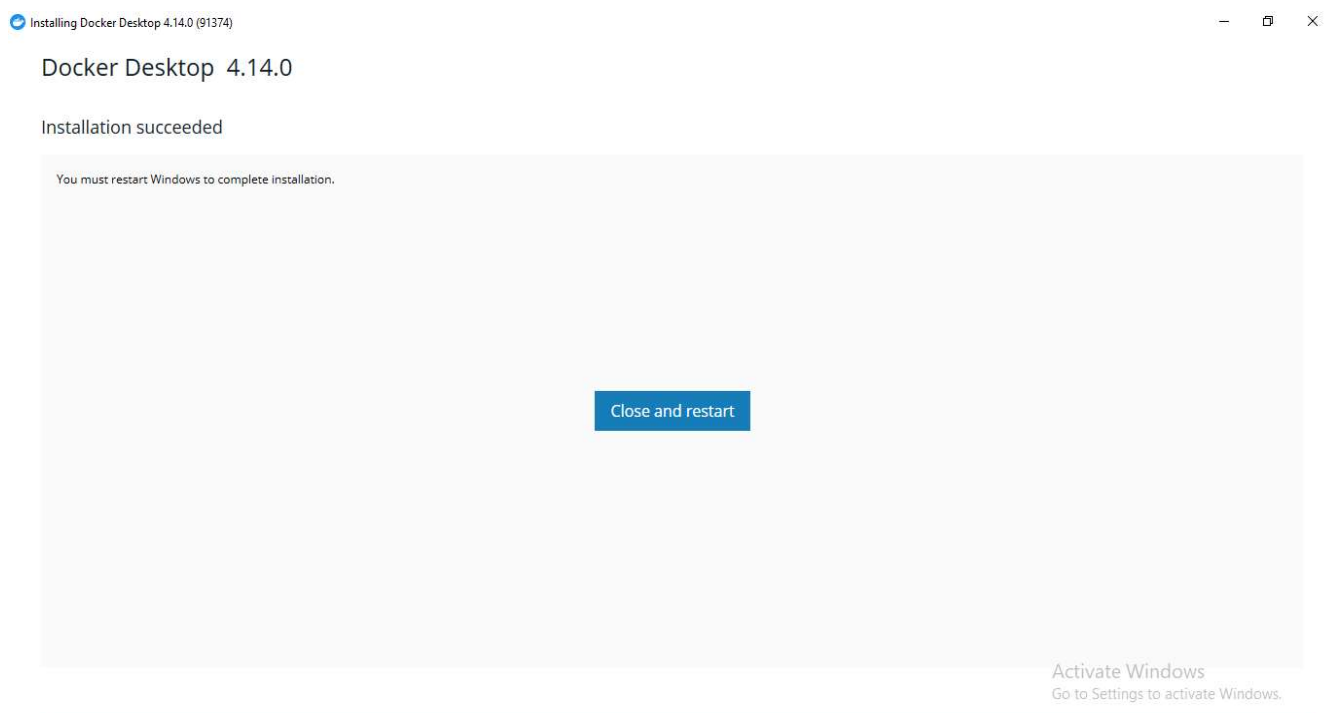
### Step 1: Navigate to <https://www.docker.com>



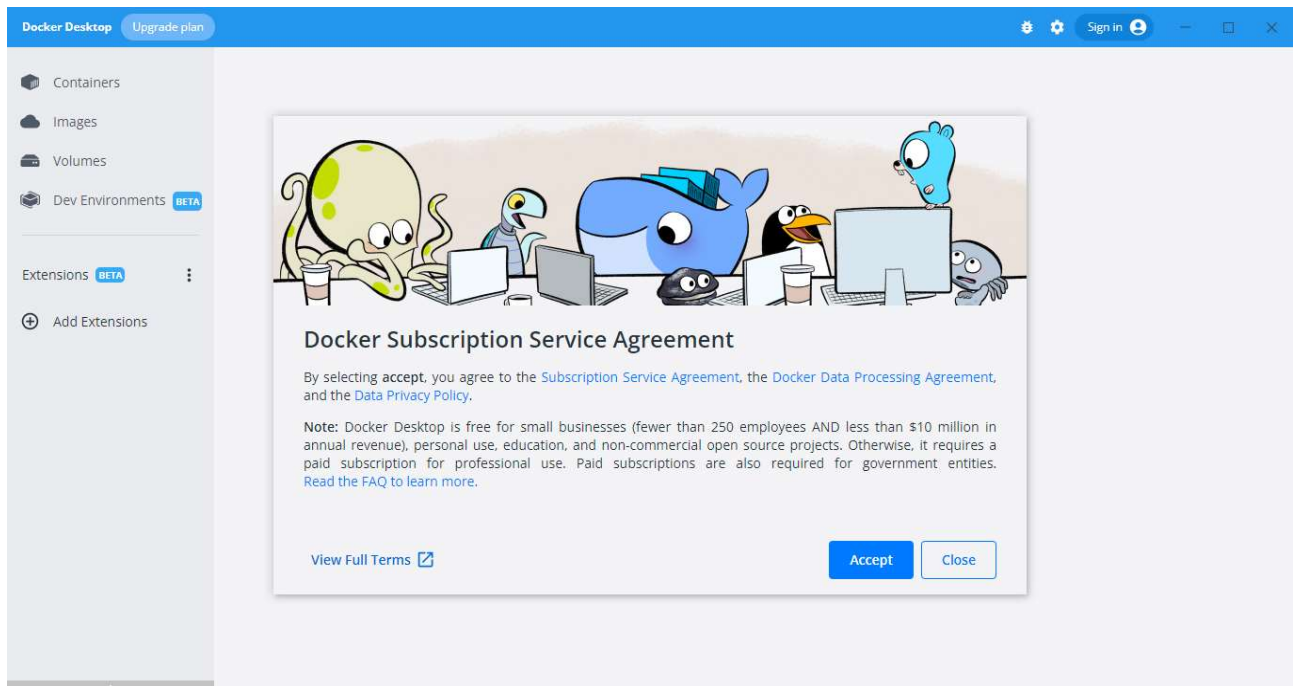
## Step 2: Install Docker Desktop for Windows



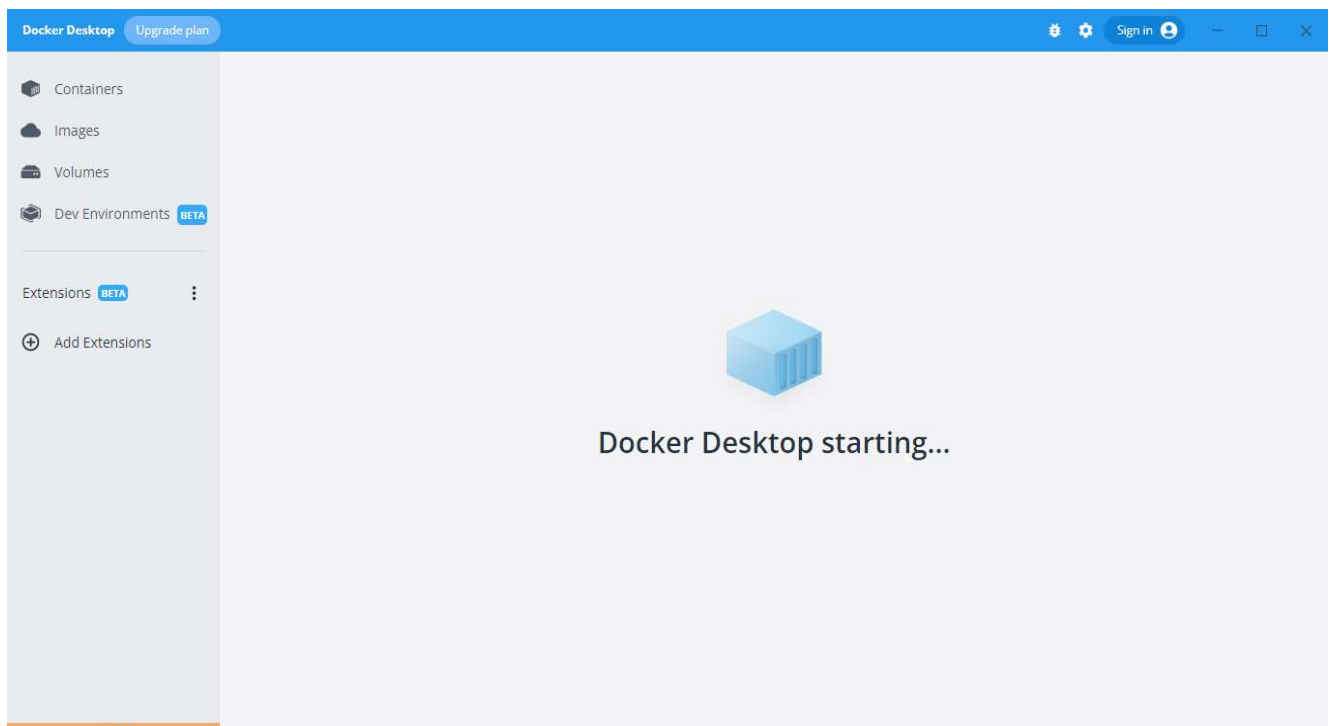
## Step 3: Docker Desktop version 4.14.0 installation succeeded.



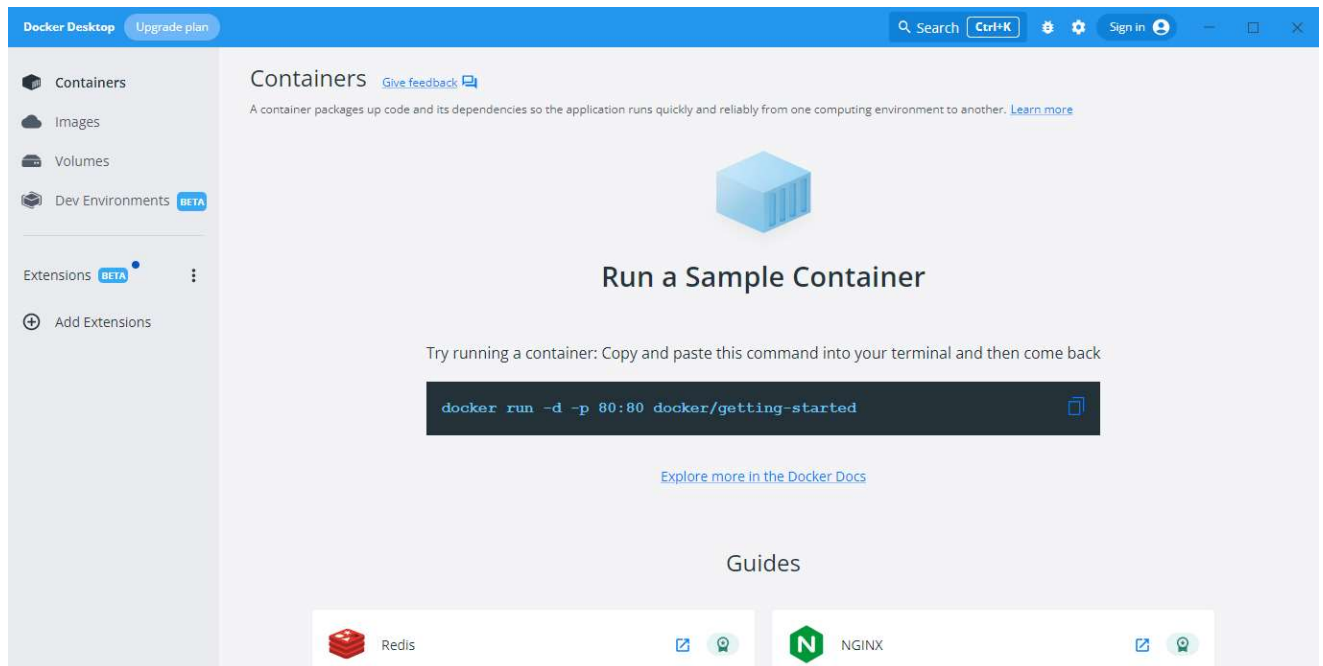
## Step 4: Docker Desktop Homepage



## Step 5:



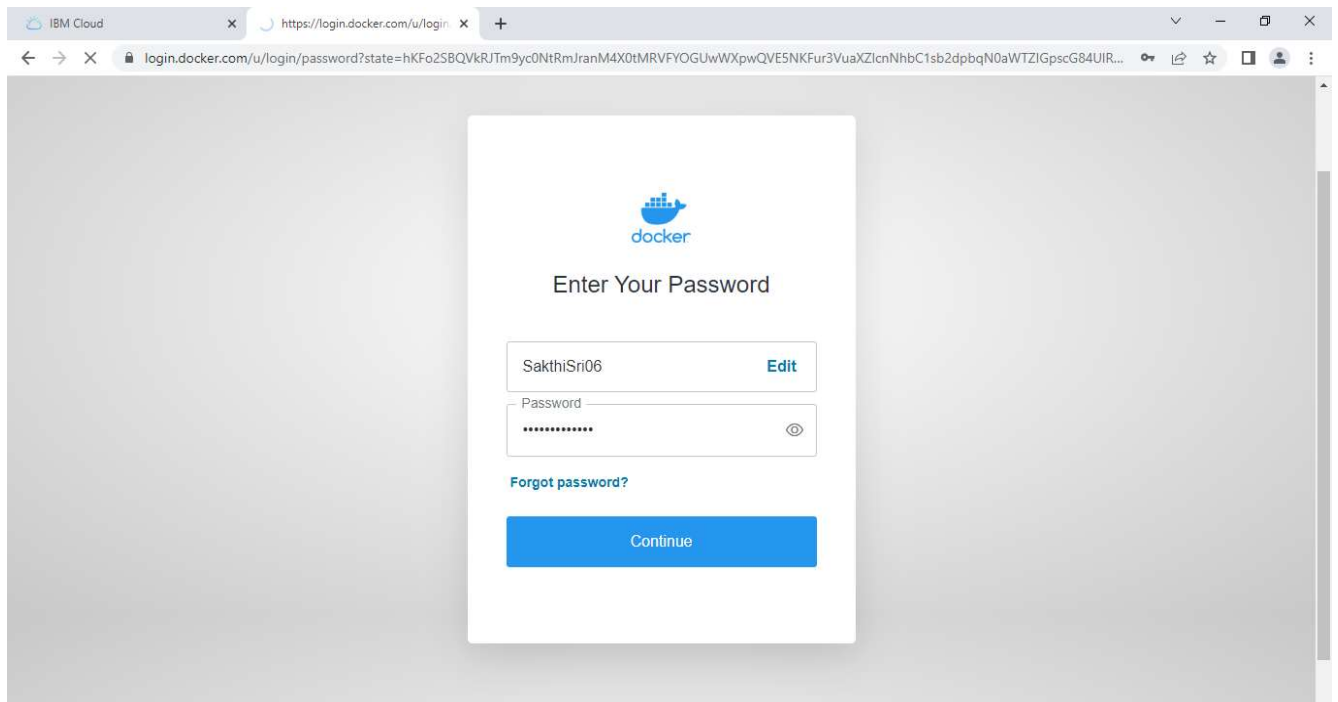
## Step 6:



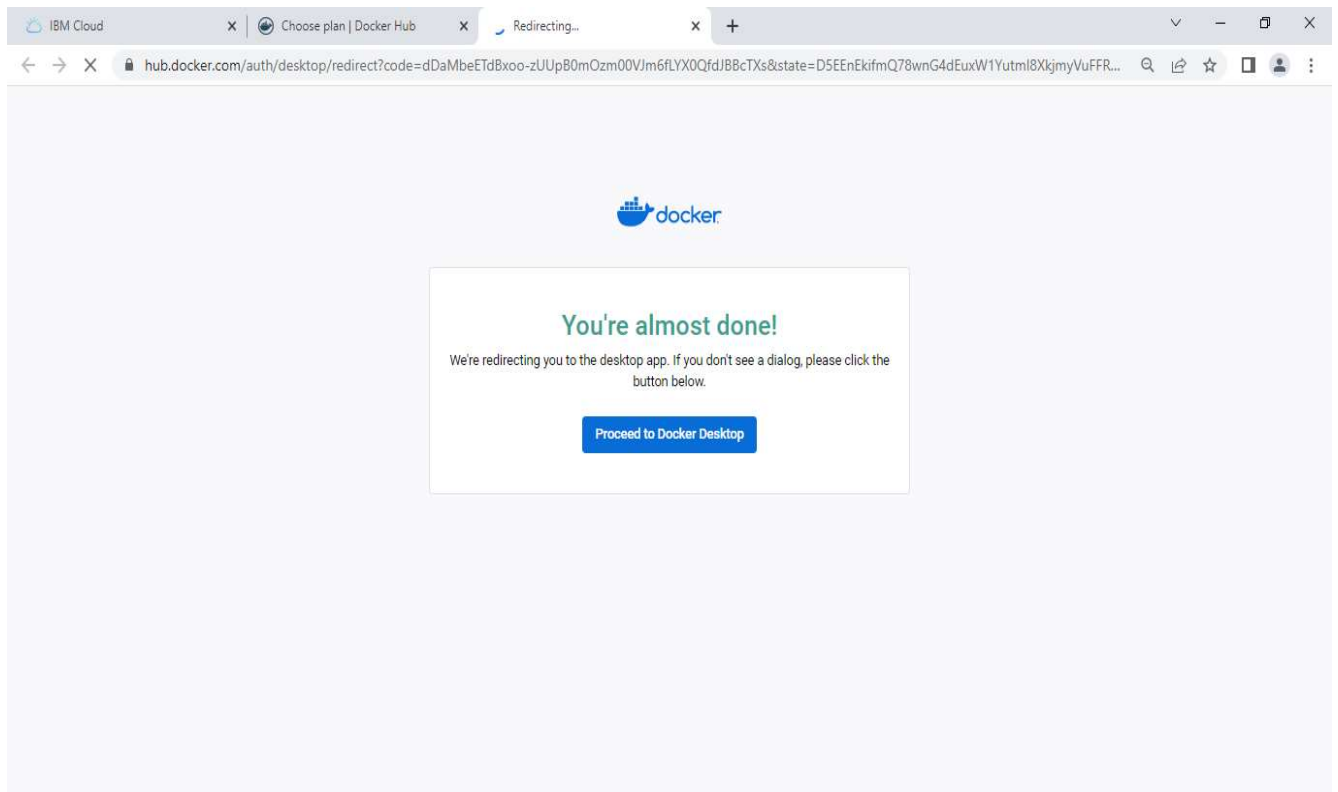
## Step 7: Sign up in the Docker Hub giving necessary details

The screenshot shows the Docker Hub sign-up page in a web browser. The browser tabs show 'IBM Cloud' and 'Docker Hub'. The address bar shows 'hub.docker.com/signup'. The page features the Docker logo at the top. The main heading is 'Create a Docker Account.' Below it, a link says 'Already have an account? Sign In'. The form includes fields for 'Username' (filled with 'SakthiSri06'), 'Email' (filled with '19cs047@syedengg.co.in'), and 'Password' (masked with dots). There are checkboxes for 'Send me occasional product updates and announcements.' (unchecked) and 'I agree to the Subscription Service Agreement, Privacy Policy, and Data Processing Terms.' (checked). A 'Captcha' widget is present with the text 'I'm not a robot.' and a 'Sign Up' button at the bottom.

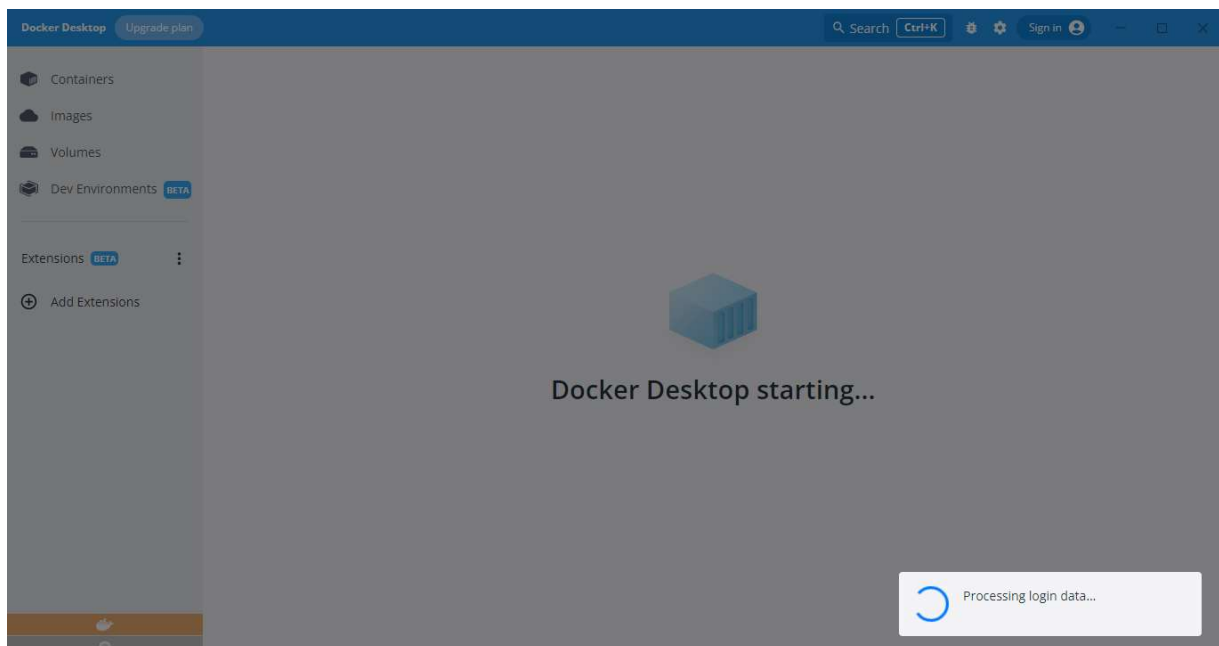
## Step 8: Logging in using the Username and Password



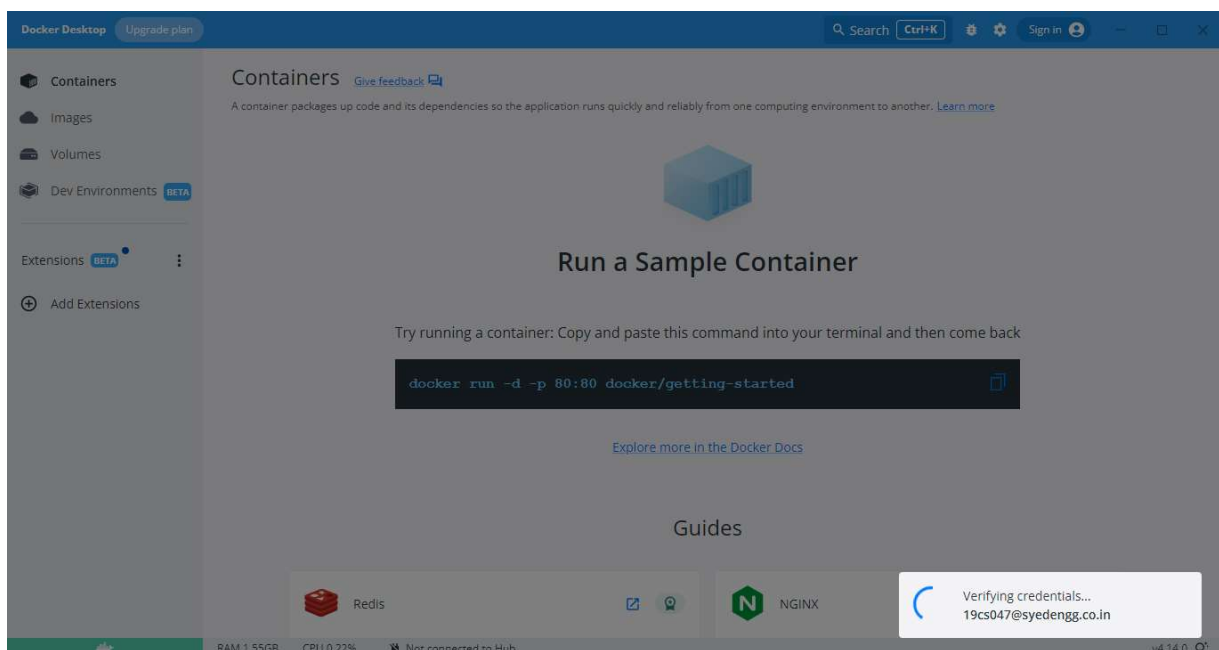
## Step 9: Redirecting to the Docker Desktop after login



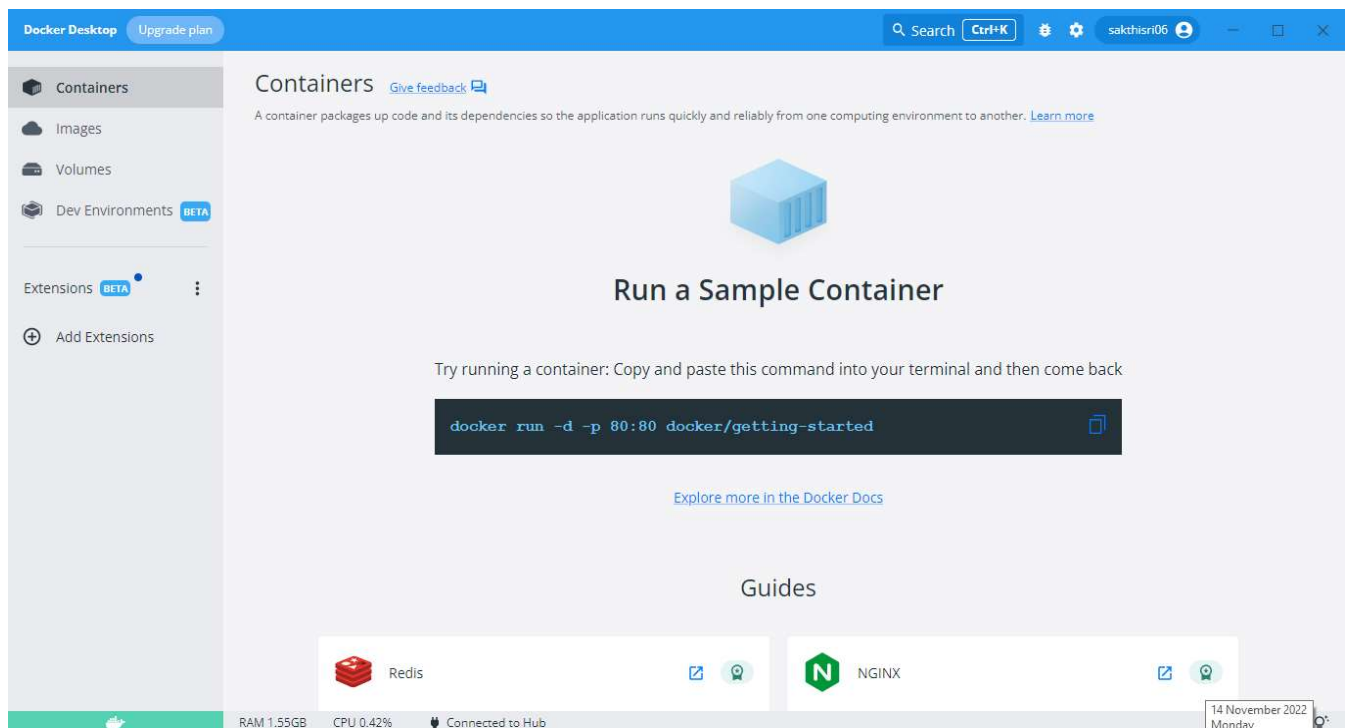
## Step 10: Processing login data



## Step 11: Verifying credentials



**Step 12:** User got logged in and the Username will be in the display.



**Step 13:**

```
Microsoft Windows [Version 10.0.19044.2251]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Admin>docker version

Client:
 Cloud integration: v1.0.29
 Version:           20.10.21
 API version:       1.41
 Go version:        go1.18.7
 Git commit:        baeda1f
 Built:             Tue Oct 25 18:08:16 2022
 OS/Arch:           windows/amd64
 Context:           default
 Experimental:      true

Server: Docker Desktop 4.14.0 (91374)
 Engine:
  Version:          20.10.21
  API version:      1.41 (minimum version 1.12)
  Go version:       go1.18.7
  Git commit:       3056208
  Built:            Tue Oct 25 18:00:19 2022
  OS/Arch:          linux/amd64
  Experimental:     false
 containerd:
  Version:          1.6.9
  GitCommit:        1c90a442489720eeca95342e1789ee8a5e1b9536f
 runc:
  Version:          1.1.4
  GitCommit:        v1.1.4-0-g5fd4c4d
 docker-init:
  Version:          0.19.0
  GitCommit:        de40ad0

C:\Users\Admin>docker ps

CONTAINER ID   IMAGE      COMMAND                  CREATED        STATUS        PORTS        NAMES
```

## Step 14:

```
Microsoft Windows [Version 10.0.19044.2251]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Admin>docker pull ubuntu
Using default tag: latest
latest: Pulling from library/ubuntu
e96e057aae67: Pull complete
Digest: sha256:4b1d0c4a2d2aaf63b3711f34eb9fa89fa1bf53dd6e4ca954d47caebca4005c2
Status: Downloaded newer image for ubuntu:latest
docker.io/library/ubuntu:latest

C:\Users\Admin>docker images
REPOSITORY          TAG                 IMAGE ID            CREATED             SIZE
ubuntu              latest             a8780b506fa4       11 days ago        77.8MB
k8s.gcr.io/kube-apiserver v1.25.2           97801f839490       7 weeks ago        128MB
k8s.gcr.io/kube-scheduler v1.25.2           ca0ea1ee3cfd       7 weeks ago        50.6MB
k8s.gcr.io/kube-proxy   v1.25.2           1c7d8c51823b       7 weeks ago        61.7MB
k8s.gcr.io/pause        3.8               4873874c08ef       5 months ago       711kB
k8s.gcr.io/coredns       v1.9.3            5185b96f0bec       5 months ago       48.8MB
docker/desktop-vpnkit-controller v2.0             8c2c38aa676e       18 months ago      21MB
docker/desktop-storage-provisioner v2.0             99f89471f470       18 months ago      41.9MB

C:\Users\Admin>docker pull nginx
Using default tag: latest
latest: Pulling from library/nginx
e9995326b091: Pull complete
71689475aec2: Pull complete
f88a23025330: Pull complete
0df440342e26: Pull complete
eef26ceb3309: Pull complete
8e3ed6a9e43a: Pull complete
Digest: sha256:943c25b4b6bb332184d5ba6bb18234273551593016c0e0ae906bab111548239f
Status: Downloaded newer image for nginx:latest
docker.io/library/nginx:latest

C:\Users\Admin>
```

## Step 15:

