OUTPUT :

```
C:\dockerfile>docker build -t yashbhurke/first .
[+] Building 0.2s (8/8) FINISHED
 => [internal] load build definition from dockerfile
 => => transferring dockerfile: 118B
 => [internal] load metadata for docker.io/library/python:3.9.21
 => [internal] load .dockerignore
 => => transferring context: 2B
 => CACHED [1/3] FROM docker.io/library/python:3.9.21
 => [internal] load build context
 => => transferring context: 29B
 => [2/3] WORKDIR /app
 => [3/3] COPY first.py /app/
 => exporting to image
 => => exporting layers
 => => writing image sha256:cdd8cf7b3859d7c760108ffd491eea57072b7822ae9b39cf047e0ad672766a75
 => => naming to docker.io/yashbhurke/first

C:\dockerfile>docker run yashbhurke/first
Hello World
```

Fig 1.1 : building the docker file locally

```
C:\dockerfile>docker push yashbhurke/first
Using default tag: latest
The push refers to repository [docker.io/yashbhurke/first]
2a35a0b838b1: Pushed
4e44c2686b35: Pushed
7c6f47952aec: Mounted from library/python
bb8db7b74260: Mounted from library/python
c0102644065e: Mounted from library/python
4c13ea2c0b02: Mounted from library/python
2ed6a19677f5: Mounted from library/python
d2f7abddd607: Mounted from library/python
53babe930602: Mounted from library/python
latest: digest: sha256:95781dbff6fbf2b02c9eb88309efa8dc6ac12b649fbb73886dfefbca8a58f4d8 size: 2209
```
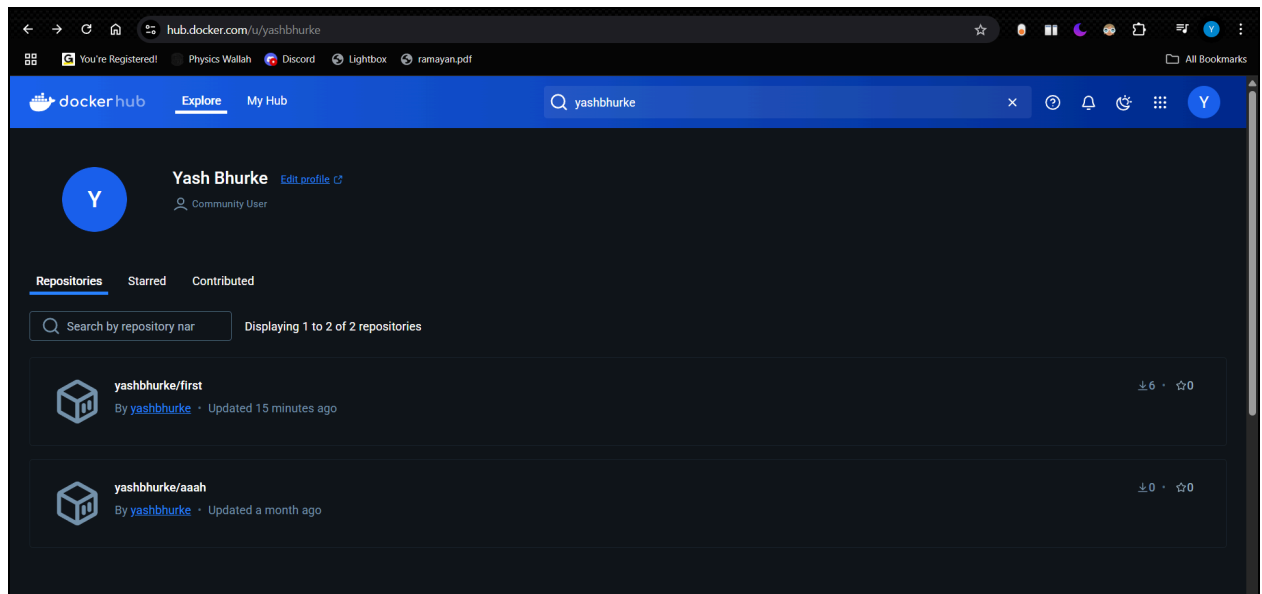
Fig 1.2 : pushing to the docker cloud
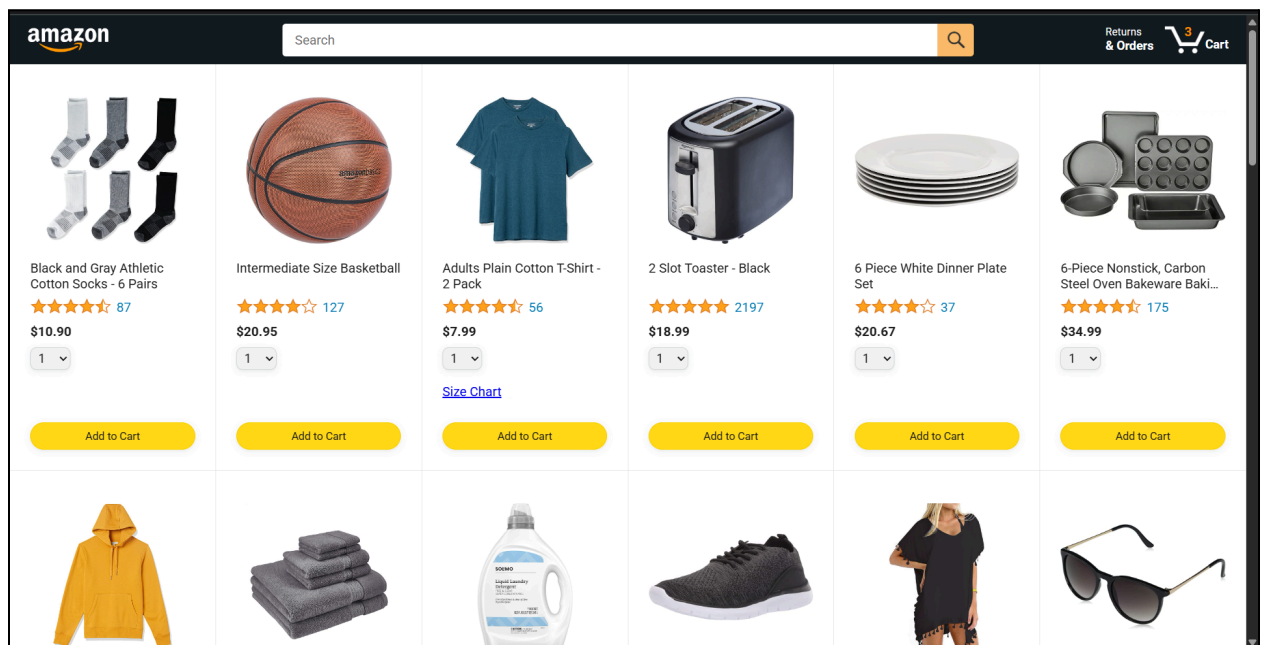
Fig 1.3 : Docker Desktop



Fig 1.4: Web App