

```
PS C:\Windows\System32\WindowsPowerShell\v1.0> pip install -U docker-compose
Collecting docker-compose
  Downloading docker_compose-1.29.2-py2.py3-none-any.whl (114 kB)
    114.8/114.8 kB 1.7 MB/s eta 0:00:00
Collecting requests<3,>=2.20.0
  Downloading requests-2.28.2-py3-none-any.whl (62 kB)
    62.8/62.8 kB 3.5 MB/s eta 0:00:00
Collecting python-dotenv<1,>=0.13.0
  Downloading python_dotenv-0.21.1-py3-none-any.whl (19 kB)
Collecting distro<2,>=1.5.0
  Downloading distro-1.8.0-py3-none-any.whl (20 kB)
Collecting dockerpty<1,>=0.4.1
  Downloading dockerpty-0.4.1.tar.gz (13 kB)
```

```
PS C:\Users\Ravita\Desktop\myapp> docker build -t app .
[+] Building 0.8s (7/7) FINISHED
=> [internal] load build definition from Dockerfile
=> => transferring dockerfile: 130B 0.1s
=> [internal] load .dockerignore 0.0s
=> => transferring context: 2B 0.1s
=> [internal] load metadata for docker.io/library/golang:1.20-bullseye 0.0s
=> [internal] load build context 0.1s
=> => transferring context: 254B 0.0s
=> [1/2] FROM docker.io/library/golang:1.20-bullseye 0.4s
=> [2/2] COPY main.go /app/main.go 0.1s
=> exporting to image 0.1s
=> => exporting layers 0.0s
=> => writing image sha256:6ad978a98317f4782e6503be48f26bc3864333ee0ea2625834dd81d3919ab6d7 0.0s
=> => naming to docker.io/library/app 0.0s
```

```
PS C:\Users\Ravita\Desktop\myapp> docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
app latest 6ad978a98317 13 seconds ago 778MB
golang 1.20-bullseye 74b93dfc9812 6 days ago 778MB
golang latest 74b93dfc9812 6 days ago 778MB
PS C:\Users\Ravita\Desktop\myapp>
```

```
PS C:\Users\Ravita\Desktop\myapp> docker container create --name app -p 8000:27017 app
640d93de3e80893f358e8a1f390f5f74804d2d077b7811fbe49cff302c45ce93
PS C:\Users\Ravita\Desktop\myapp>
```

```
PS C:\Windows\System32\WindowsPowerShell\v1.0> docker container ls -all
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
640d93de3e80 app "go run /app/main.go" About a minute ago Created app
PS C:\Windows\System32\WindowsPowerShell\v1.0>
```

```
Administrator: Windows PowerShell
PS C:\Windows\System32\WindowsPowerShell\v1.0> docker container start app
app
PS C:\Windows\System32\WindowsPowerShell\v1.0> docker container ls
CONTAINER ID   IMAGE     COMMAND                  CREATED        STATUS        PORTS
640d93de3e80   app      "go run /app/main.go"   2 minutes ago Up 8 seconds   0.0.0.0:8000->27017/tcp
PS C:\Windows\System32\WindowsPowerShell\v1.0>
```

