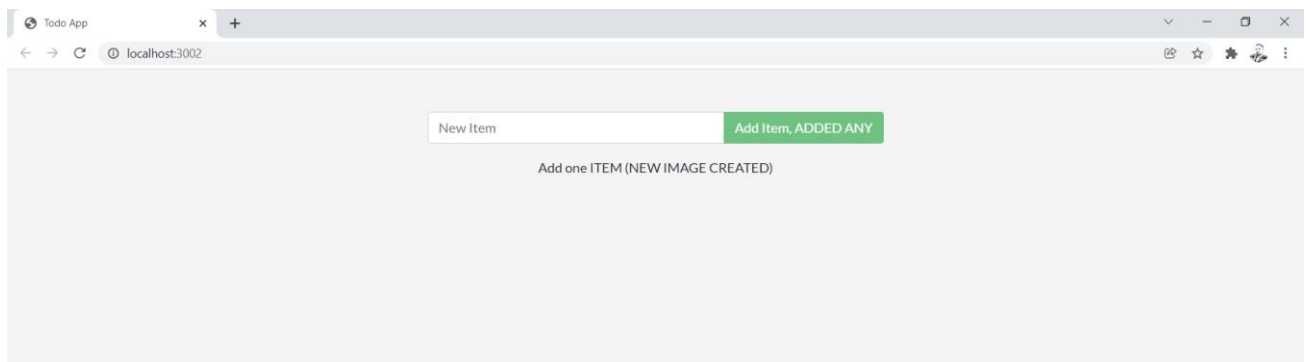
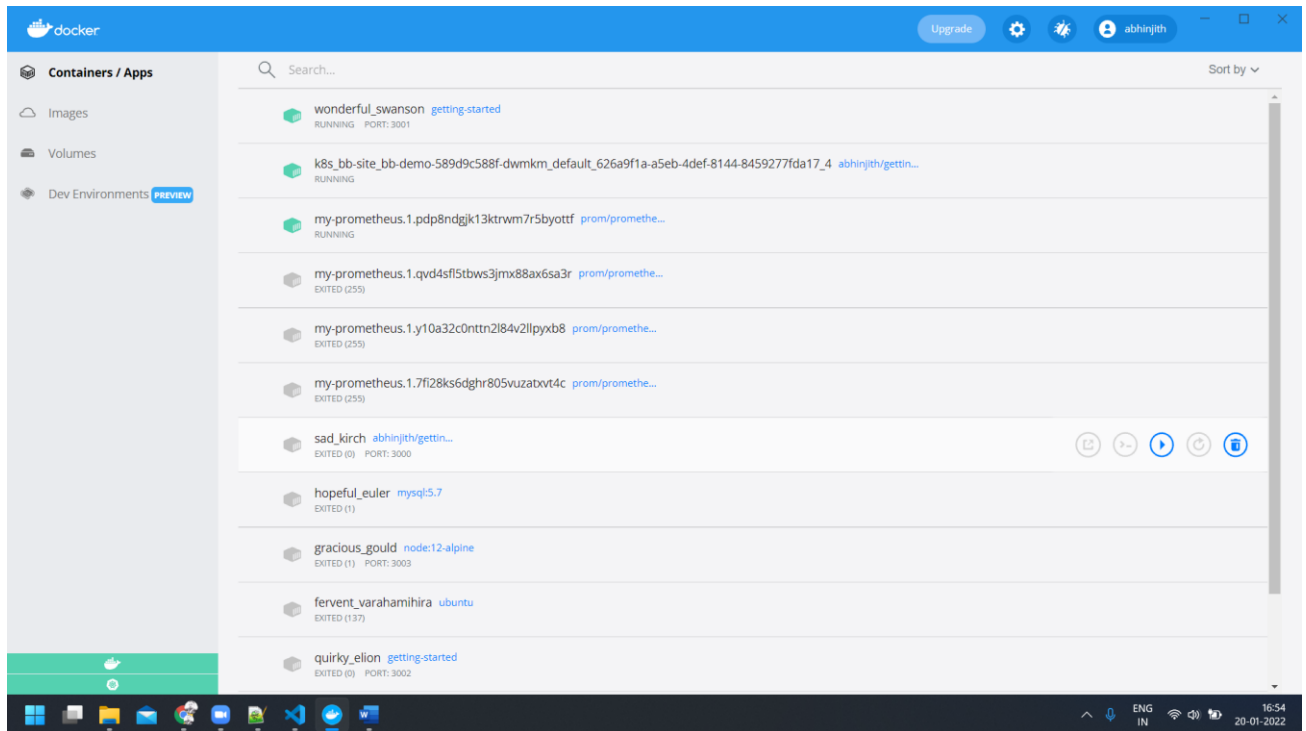
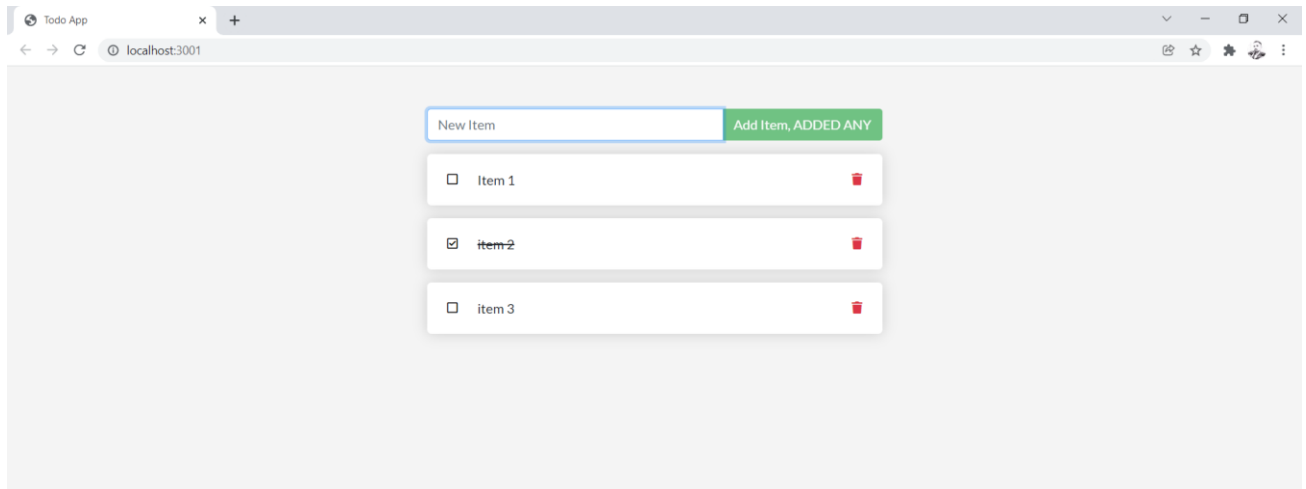


DOCKER OUTPUT



Visual Studio Code interface showing a Dockerfile and terminal output.

```
getting-started > app > Dockerfile > ...
1 # syntax=docker/dockerfile:1
2 FROM node:12-alpine
3 RUN apk add --no-cache python3 g++ make
4 WORKDIR /app
5 COPY . .
6 RUN yarn install --production
7 CMD [ "node", "src/index.js" ]
8
```

Terminal Output:

```
Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them
PS H:\DevOpsTraining\Docker\Final\getting-started> docker run -dp 3001:3000 getting-started
033f17972ab0f8ad027f5b969c80df86e20ddd4ea495d2faab5946f4b06937bd
PS H:\DevOpsTraining\Docker\Final\getting-started> docker ps
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS        PORTS                    NAMES
033f17972ab0   getting-started  "docker-entrypoint.s..." 4 minutes ago  Up 4 minutes  0.0.0.0:3001->3000/tcp    wonderful_swanson
35fd52ea9d84   abhinjith/getting-started  "docker-entrypoint.s..." 25 minutes ago  Up 24 minutes  0.0.0.0:3002->3000/tcp    kas_bb-site_bb-demo-589d9c588f-dwmkm_default_
626a9f1a-a5eb-4def-8144-8459277fda17_4
0091c5d24e9b   prom/prometheus:latest  "/bin/prometheus --c..." 26 minutes ago  Up 25 minutes  9090/tcp                 my-prometheus.1.pdp8ndgjk13ktrwm7r5byottf
033f17972ab0
PS H:\DevOpsTraining\Docker\Final\getting-started> docker rm 033f17972ab0
033f17972ab0
PS H:\DevOpsTraining\Docker\Final\getting-started> docker run -dp 3002:3000 getting-started
572f5d07b03767c13fdae76f9262339a479491b959c8b44e157fad
PS H:\DevOpsTraining\Docker\Final\getting-started> docker ps
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS        PORTS                    NAMES
572f5d07b03   getting-started  "docker-entrypoint.s..." 18 seconds ago  Up 11 seconds  0.0.0.0:3002->3000/tcp    kas_bb-site_bb-demo-589d9c588f-dwmkm_default_
626a9f1a-a5eb-4def-8144-8459277fda17_4
0091c5d24e9b   prom/prometheus:latest  "/bin/prometheus --c..." 28 minutes ago  Up 27 minutes  9090/tcp                 my-prometheus.1.pdp8ndgjk13ktrwm7r5byottf
033f17972ab0
PS H:\DevOpsTraining\Docker\Final\getting-started>
```

Docker Desktop interface showing containers:

- Containers / Apps
- Images
- Volumes
- Dev Environments

Search results for containers:

- k8s_bb-site_bb-demo-589d9c588f-dwmkm_default_626a9f1a-a5eb-4def-8144-8459277fda17_4 abhinjith/gettin...
- my-prometheus.1.pdp8ndgjk13ktrwm7r5byottf prom/promethe...

Terminal window showing command execution:

```
docker exec -it e306f9128b411
# cat data.txt
8682
#
```

Browser window showing a web application:

- Localhost:3000
- Form: New Item, Add Item, ADDED ANY
- Items: 123, 456, 789

docker

Upgrade

abhirjith

Containers / Apps

Images

Volumes

Dev Environments PREVIEW

Volumes

Search

NAME ↑	CREATED	SIZE
6bff7840f8e436894e59397ec229cc66e1fd705ec9145db22ed0bf7c775f86dd	21 days ago	198.2 MB
9c7dac7d4814ad137843d9567ff81dc461220f65096aec1079d23ef156d86dab	about 2 months ago	10.5 MB
a2cdd1ab0d28d28667bac8f009ea51a805d9d64f4767fa2f06ef76126bbdc0d3	IN USE about 1 hour ago	564 kB
af198b15bfe4570a57670a32d6d7cb880c77b4c622c84215a87388c1f36f32a0	10 days ago	56 kB
app_todo-mysql-data	12 days ago	133.5 MB
d623cec12c208a4f946a303a1f4d3d62338c4e36fcf6753b89e438a6368098cb	10 days ago	52 kB
e633739602a6361f1532e144ffd10047d2fb7122caea20c02e5867dfcc5c3441	IN USE 9 days ago	152 kB
ed2c2cb09ef483a6eaa714cec2bc9a3703f95955abd97ca7a825c50f3ec7bb	IN USE about 7 hours ago	152 kB
todo-db	IN USE 12 days ago	16 kB
todo-mysql-data	IN USE 12 days ago	210.2 MB

Docker - Containerization

Use bind mounts | Docker Docu

Todo App

Todo App

localhost:3001

New Item

Add Item, ADDED ANY

11

22

33

Docker - Containerization

Use bind mounts | Docker Docu

Todo App

New tab

localhost:3000

New Item

Add Item, ADDED ANY

123

aaa

bbb

ccc

Containers / Apps

Images

Volumes

Dev Environments Preview

Search...

Sort by ▾

ecstatic_mayer

node:12-alpine

EXITED (25s) PORT: 3000

sad_lovelace

node:12-alpine

EXITED (1s) PORT: 3000

adoring_chebyshev

ubuntu

EXITED (9s)

fervent_varahamihira

ubuntu

EXITED (13s)

wonderful_allen

getting-started

EXITED (8s) PORT: 3001

peaceful_mahavira

abhinjith/gettin...

EXITED (8s) PORT: 3000

busy_ride

mysql:5.7

RUNNING

app

RUNNING

Open in Visual Studio Code

app_app_1

node:12-alpine

RUNNING PORT: 3000

app_mysql_1

mysql:5.7

RUNNING