

Create a folder.

Cd <new folder>

Eg: -- **b09-app10** is the folder name

```
[root@docker-mas01 b09-app10]# pwd
/root/b09-app10
[root@docker-mas01 b09-app10]#
```

**Vi Dockerfile**

**FROM tomcat:9-jdk11-openjdk-slim**

**WORKDIR /app**

**COPY . /app**

```
[root@docker-mas01 b09-app10]# cat Dockerfile
FROM tomcat:9-jdk11-openjdk-slim

WORKDIR /app

COPY . /app
[root@docker-mas01 b09-app10]#
```

**In our example, we would also create a file in the same folder.**

```
[root@docker-mas01 b09-app10]# ls
Dockerfile  file1.txt  ifconfig
[root@docker-mas01 b09-app10]# cat file1.txt
THIS IS A TEST FILE FOR THE CUSTOM IAMGE
[root@docker-mas01 b09-app10]#
```

**Note:-- Refer some document , if you are not aware how to create file in linux.**

If you are inside the folder , then run the below

**\$ docker build . -t <custom image name>**

```
[root@docker-mas01 b09-app10]# docker build . -t tomcat-cust01
Sending build context to Docker daemon 86.02kB
Step 1/3 : FROM tomcat:9-jdk11-openjdk-slim
---> d467cb0e34ec
Step 2/3 : WORKDIR /app
---> Using cache
---> 78f29d3ebaef
Step 3/3 : COPY . /app
---> Using cache
---> 432f90a86444
Successfully built 432f90a86444
Successfully tagged tomcat-cust01:latest
[root@docker-mas01 b09-app10]#
```

If outside the folder

**\$ docker build <folder name of Dockerfile> -t <custom image name>**

```
[root@docker-mas01 ~]# docker build b09-app10 -t tomcat-cust02
Sending build context to Docker daemon 86.02KB
Step 1/3 : FROM tomcat:9-jdk11-openjdk-slim
---> d467cb0e34ec
Step 2/3 : WORKDIR /app
---> Using cache
---> 78f29d3ebaef
Step 3/3 : COPY . /app
---> Using cache
---> 432f90a86444
Successfully built 432f90a86444
Successfully tagged tomcat-cust02:latest
root@docker-mas01 ~]# pwd
/root
root@docker-mas01 ~]#
```

To login to the docker container

**\$ docker exec -it <container ID> /bin/bash**

```
[root@docker-mas01 ~]# docker ps
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS
AMES
fccc8d493143   tomcat-cust01 "catalina.sh run"       18 minutes ago Up 18 min
estive_volhard
[root@docker-mas01 ~]#
```

This would show the containers.

```
[root@docker-mas01 ~]# docker exec -it fccc8d493143 /bin/bash
root@fccc8d493143:/app#
```