

CDEC B-24

Name : Kunal vijay Chavhan

Task : Host Student App Using Docker

Step:

1. sudo -i
2. docker run -d tomcat
3. docker ps -a

```
root@ip-172-31-30-69:~# docker run -d -P tomcat
818168c0078446ab903ede0dec2cbbcf611843ef255f97c64abd06a616b1148
root@ip-172-31-30-69:~# docker ps -a
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
818168c00784	tomcat	"catalina.sh run"	14 seconds ago	Up 12 seconds	0.0.0.0:32773->8080/tcp, :::32773->8080/tcp	vibrant_babbage

4. ls

```
root@ip-172-31-30-69:~# ls
Dockerfile  Nginx-dockerfile  NodeJS-App  Stud-app-Three-tier-Docker  WebApp-Files  snap
```

5. Copy all Files to /usr/local/tomcat/webapp
6. Copy student.war file to tomcat webapps


```
root@ip-172-31-30-69:~/WebApp-Files# docker cp student.war 818:/usr/local/tomcat/webapps
Successfully copied 91.1kB to 818:/usr/local/tomcat/webapps
```

7. Host tomcat on a google chrome


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Apache Tomcat/10.1.19

 SOFTWARE FOUNDATION
http://www.apache.org/

If you're seeing this, you've successfully installed Tomcat. Congratulations!



Recommended Reading:
[Security Considerations How-To](#)
[Manager Application How-To](#)
[Clustering/Session Replication How-To](#)

[Server Status](#)
[Manager App](#)
[Host Manager](#)

Developer Quick Start

Tomcat Setup	Realms & AAA	Examples	Servlet Specifications
First Web Application	JDBC DataSources		Tomcat Versions

Managing Tomcat
For security, access to the manager webapp is

Documentation
[Tomcat 10.1 Documentation](#)

Getting Help
[FAQ and Mailing Lists](#)

8. StudentApp host

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Student Registration Form

Student Name	<input type="text" value="kunal"/>
Student Address	<input type="text" value="pune"/>
Student Age	<input type="text" value="23"/>
Student Qualification	<input type="text" value="bca"/>
Student Percentage	<input type="text" value="85"/>
Year Passed	<input type="text" value="2023"/>
<input type="button" value="register"/>	