

Module 8: React Application Testing and Deployment

Demo Document 4

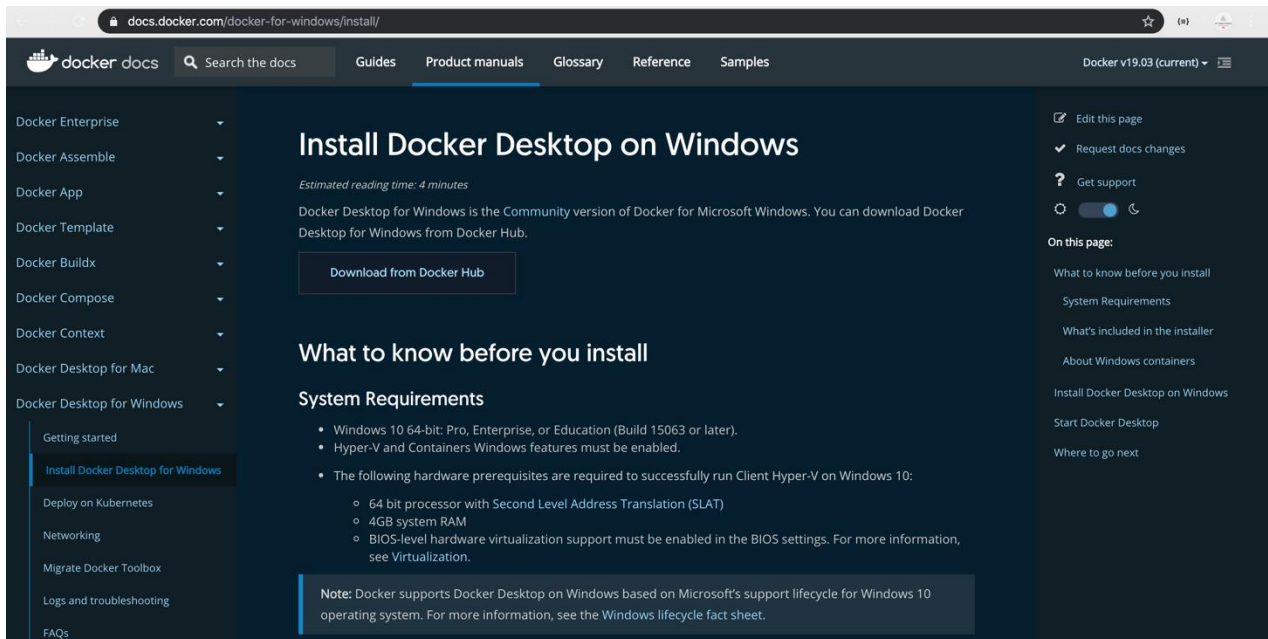
edureka!

edureka!

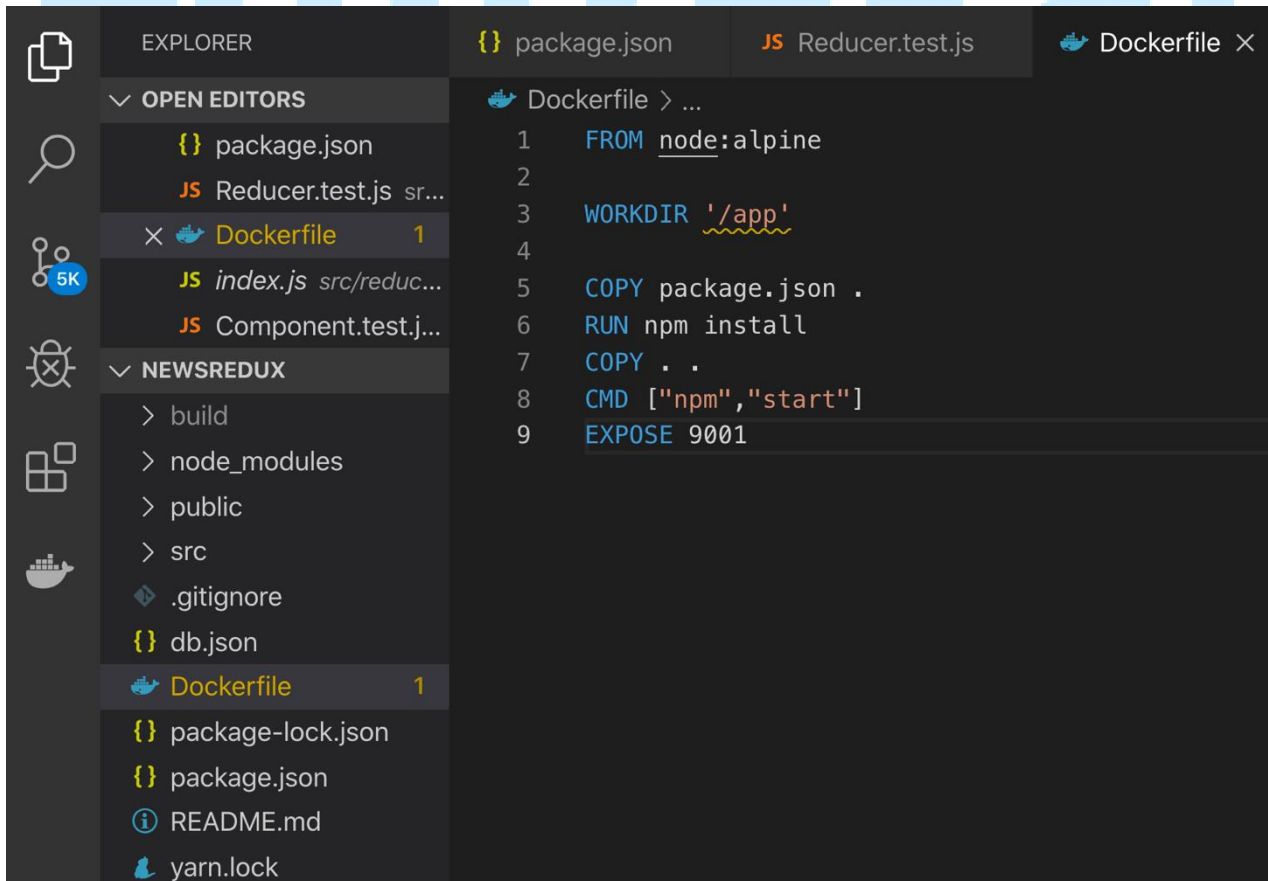
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Application Deployment Using Docker Container

Step 1: To Create the docker image of the application we have to first download and install docker in our system.



Step 2: Then we have to create 'Dockerfile' and write the configurations shown below to create image of the application.



Step 3: Now from the command line we need to create the docker build where we use

“docker build . -t” command. This will create a docker image of the application

```
newsredux — bash — 130x36
Avaans-MacBook-Pro:newsredux avi$ docker build . -t ahanda/reduxtest
```

Step 4: Once build image is created we can pass this image by uploading on the docker hub and to list the images we will use ‘docker image ls’

```
Avaans-MacBook-Pro:newsredux avi$ docker image ls
REPOSITORY          TAG          IMAGE ID      CREATED        SIZE
ahanda/reduxtest     latest       b6b4b9ebf5c2  42 seconds ago 442MB
node                 alpine       59be7d262786  8 days ago    105MB
Avaans-MacBook-Pro:newsredux avi$
```

Conclusion:

We have successfully created the docker Image of the React application