

Background

1. This instruction is for deploying on Docker, the react UI app that performs REST call with the Fibonacci app on Oracle cloud
2. You should notice a folder "fiboreact". The folder contains the source code and Dockerfile to build the container

Building and running the Docker image

1. Open the command prompt and change directory to the folder "fiboreact"
2. Use the following commands to build the docker image

```
$ docker build -t fiboreact .
```

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3. Use the following commands to run the docker image

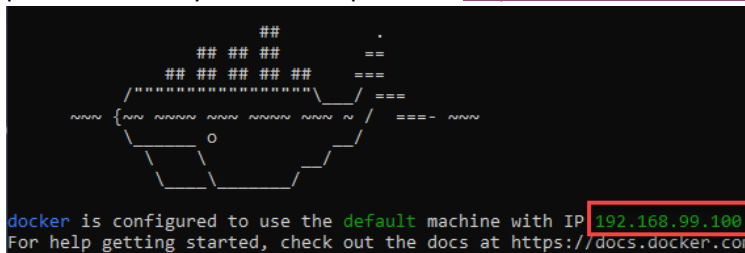
```
$ docker run -it -p 3000:3000 aaa
```

```
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```
4. Use the command, "docker ps -a" to check the status of the new built and running container

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
bd3510e9ff98	aaa	"docker-entrypoint.s..."	37 minutes ago	Exited (0) 13 minutes ago		vibrant_napier

Testing of the webapp

1. If you are using Docker Desktop, open up a web browser, go to <http://localhost:3000/>
2. If you are using Docker toolbox, instead of [localhost](http://localhost:3000/), replace [localhost](http://localhost:3000/) with the IP address provided when you started up Docker <http://192.168.99.100:3000>



5. The link will bring you to the following page:



6. Enter a number and click submit, to see the list of Fibonacci number and sorted Fibonacci numbers

