

## Docker image create :-

Download Docker and install

<https://docs.docker.com/guides/getting-started/get-docker-desktop/>

YouTube link <https://youtu.be/DQJNtDm5qy0?si=zq6KxDIHLUc2qkb3>

Basic Commands :-

```
//login docker  
docker login
```

```
//create build docker image local ( . ) imp present directory 0.0.1.RELEASE version name  
docker build -t mithunkj/firstimage:0.0.1.RELEASE .
```

```
//list directory  
docker container ls
```

```
//start  
docker container run -d -p 3000:3000 mithunkj/firstimage:0.0.1.RELEASE
```

```
//all directory list  
docker container ls
```

```
//stop  
docker container stop 830
```

```
//push docker image  
docker push mithunkj/firstimage:0.0.1.RELEASE
```

```
//pull docker image  
docker pull mithunkj/firstimage:0.0.1.RELEASE
```

Dockerfile :-

```
FROM node:slim  
WORKDIR /app  
COPY . /app  
RUN npm install  
EXPOSE 3000  
CMD node index.js
```

```
FROM node:slim node,java,python  
WORKDIR /app inside app directory  
COPY . /app . is copy all package.json /app copy app directory  
RUN npm install npm install excutive  
EXPOSE 3000 Port number is 3000  
CMD node index.js start server node index.js
```

Index.js :-

```
const express = require("express");
const app = express();

app.get("/", (req, res) => {
  res.send("hello from the mithun");
});

app.get("/well", (req, res) => {
  res.send("hello mithun");
});
app.get("/ready", (req, res) => {
  res.send("Great!, It work!");
});

app.listen(process.env.PORT || 3000, () =>{console.log("listen port 3000")});
```