Pre-requisites:

Steps to setup and deploy MERN app:

<https://www.youtube.com/watch?v=1REonFsWBbY&ab_channel=EsterlingAccime>

Mkdir <app-name> mernApp

Create server.js file

Cd inside the project

In terminal enter : create-react-app client

Cd inside client and run npm start

(check if app is running)

Install the dependencies :

npm install mongoose express axios morgan concurrently -S

Run npm init -y in the root folder(to setup the package.json file)

Code in server.js

Screenshots:

Other Related Videos (complete course MERN + Heroku + MongoDB Atlas) :

✅ Set up the Reactjs and Nodejs structure: [https://youtu.be/bc2pOPeQyOs](https://www.youtube.com/watch?v=bc2pOPeQyOs&t=0s)​

✅ Run Reactjs and Nodejs in same terminal - Concurrently: [https://youtu.be/1REonFsWBbY](https://www.youtube.com/watch?v=1REonFsWBbY&t=0s)​

✅ Connect to MongoDB Atlas cluster with Mongoose: [https://youtu.be/OuCrHynro0w](https://www.youtube.com/watch?v=OuCrHynro0w&t=0s)​

✅ Robot 3t demo, models and routes refactor (code move in separate files): [https://youtu.be/\_z7LioIMy20](https://www.youtube.com/watch?v=_z7LioIMy20&t=0s)​

✅ Create & submit a form in Reactjs and resolved cors policy: [https://youtu.be/yITlR9vDXXo](https://www.youtube.com/watch?v=yITlR9vDXXo&t=0s)​

✅ Save data to MongoDB with Mongoose: [https://youtu.be/jwVCgueYcgE](https://www.youtube.com/watch?v=jwVCgueYcgE&t=0s)​

✅ Get/fetch data from MongoDB and display them in Reactjs application: [https://youtu.be/Mfp94RjugWQ](https://www.youtube.com/watch?v=Mfp94RjugWQ&t=0s)​

✅ Apply css styles to a Reactjs application: [https://youtu.be/xDsjAk54JSY](https://www.youtube.com/watch?v=xDsjAk54JSY&t=0s)​

✅ How to deploya MERN stack App to Heroku: [https://youtu.be/5PaUiPyBDJY](https://www.youtube.com/watch?v=5PaUiPyBDJY&t=0s)​

✅ Connect MongoDB Atlas to your Heroku application: [https://youtu.be/imR9LlbG3pU](https://www.youtube.com/watch?v=imR9LlbG3pU&t=0s)​ ✅ Enable automatic deployment to Heroku: [https://youtu.be/y\_7czmJXK\_c](https://www.youtube.com/watch?v=y_7czmJXK_c&t=0s)

Automated Script to create deployed app