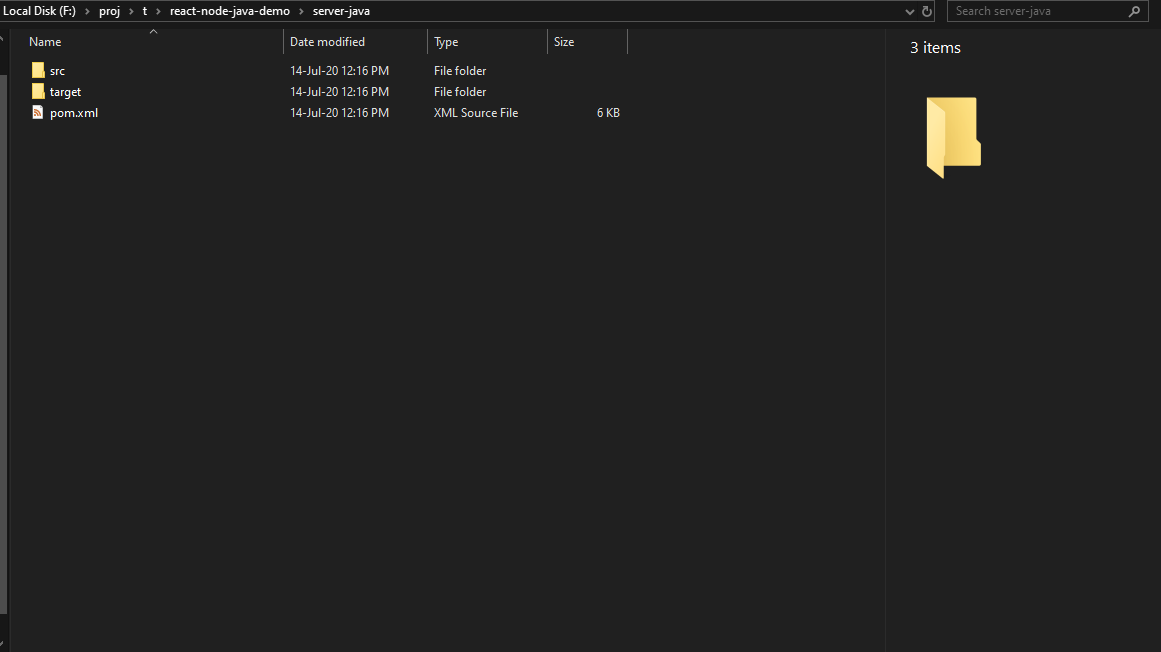
# Server-Java

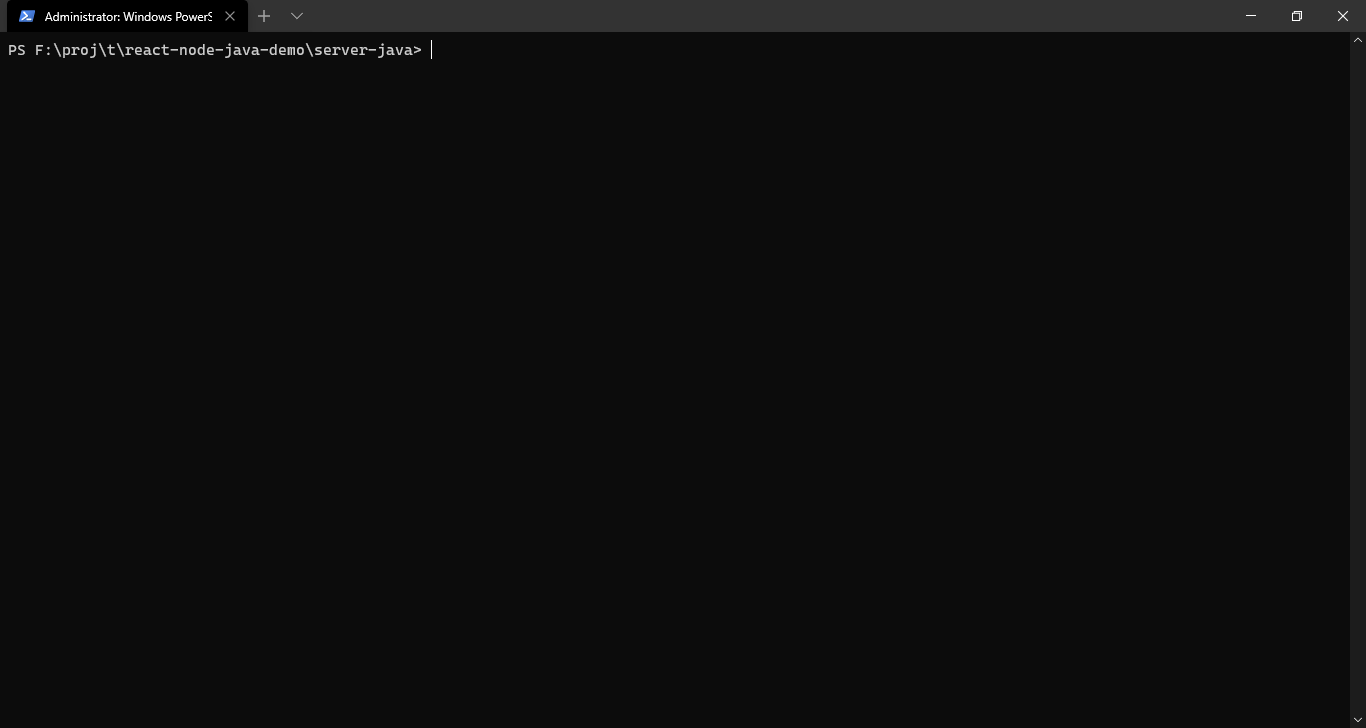
## Setup:

### Pre-installation Directory:

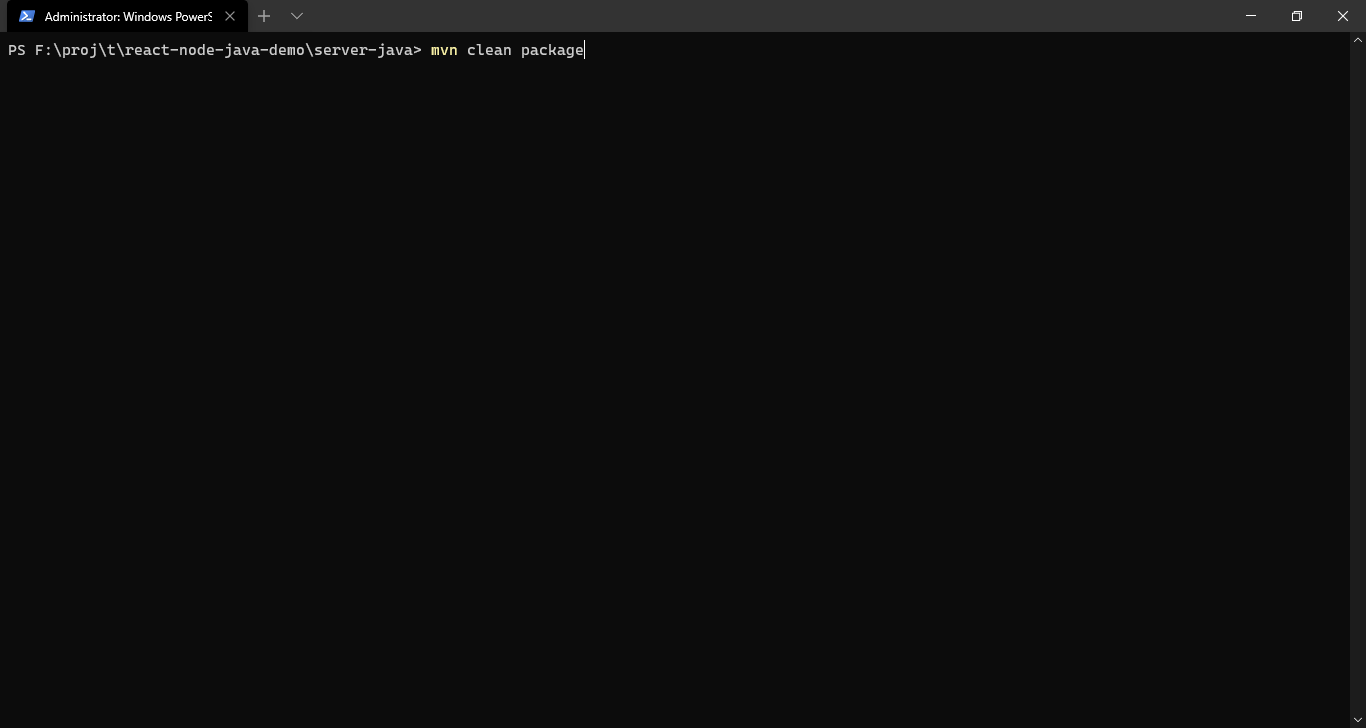


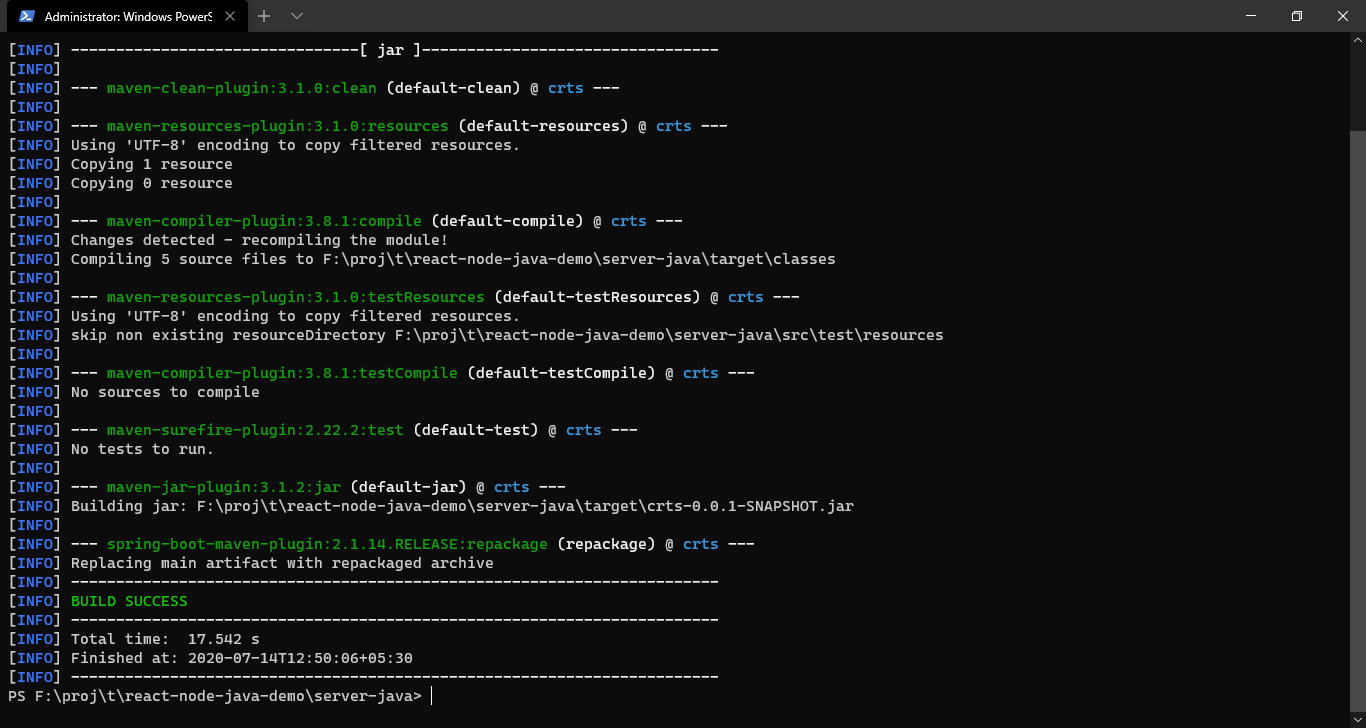
### Installation:

* Open new console and go to server-java directory.

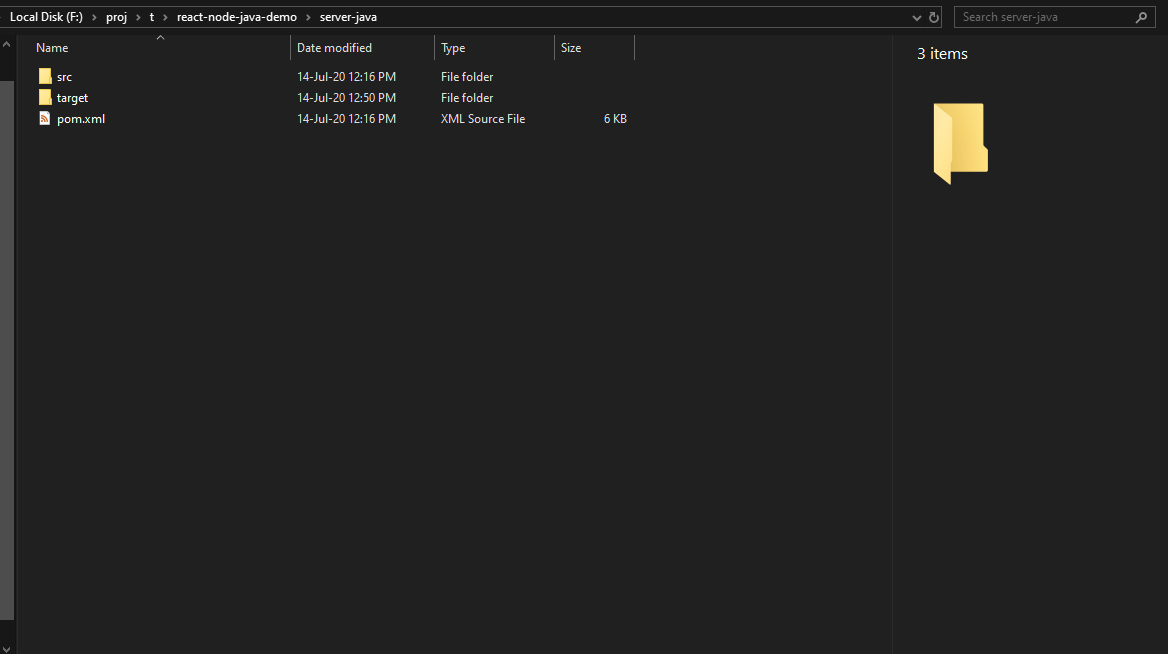


* Run command: ‘mvn clean package’:



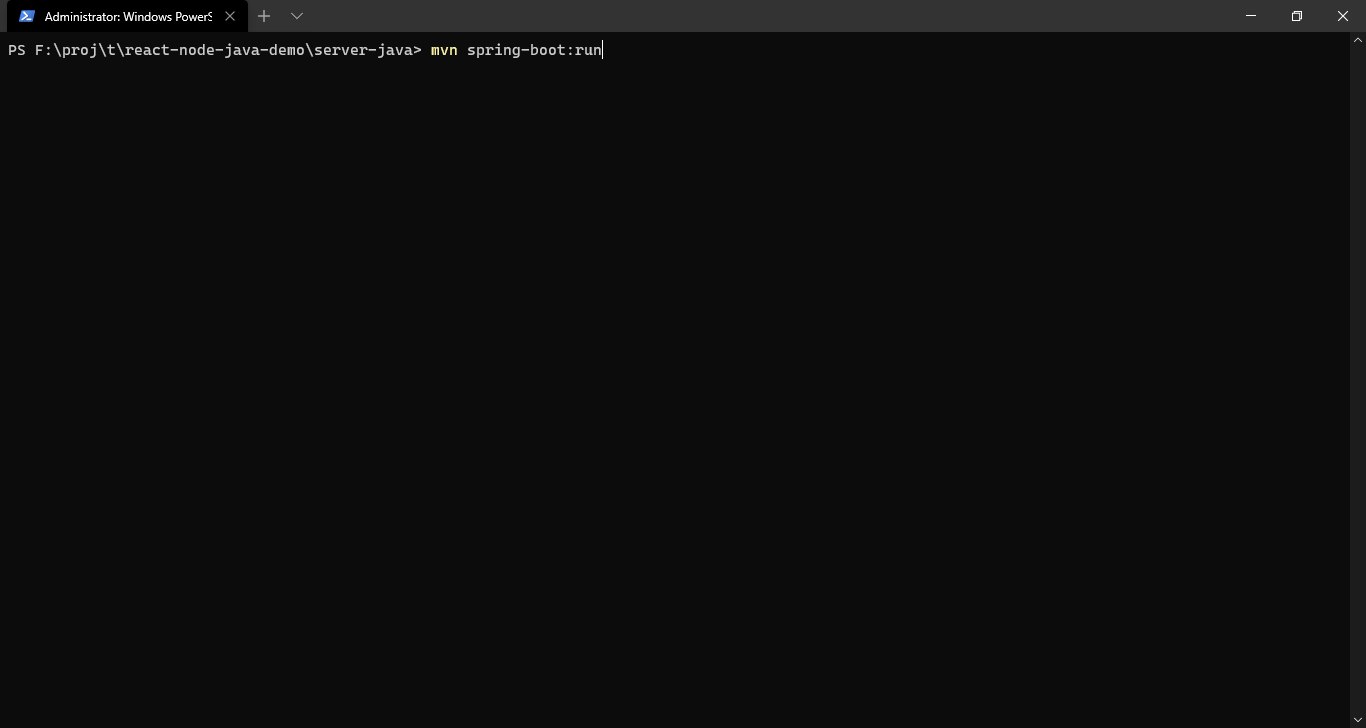


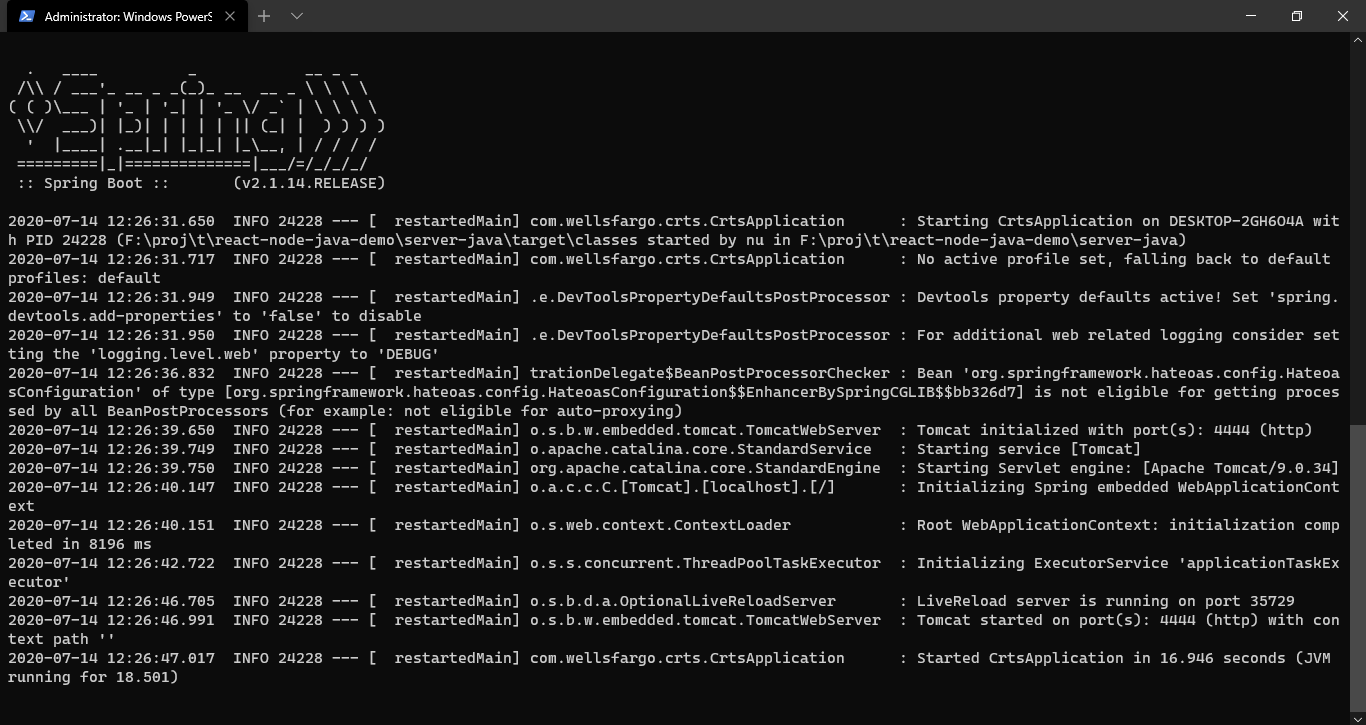
### Post-installation Directory:



## Start:

* Open new console and go to server-java directory.
* Run command ‘mvn spring-boot:run’.



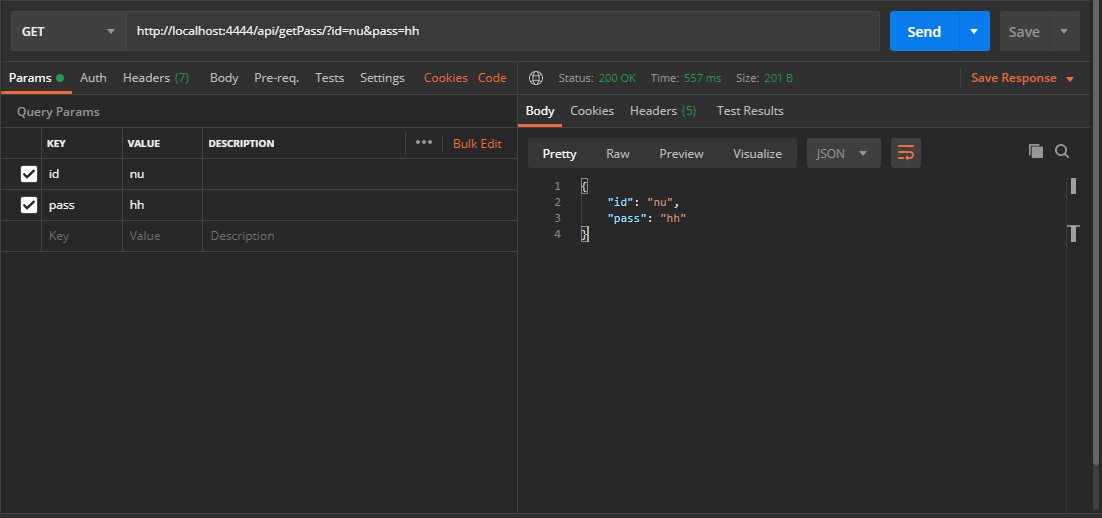


Server will start on port ‘4444’.

## Test:

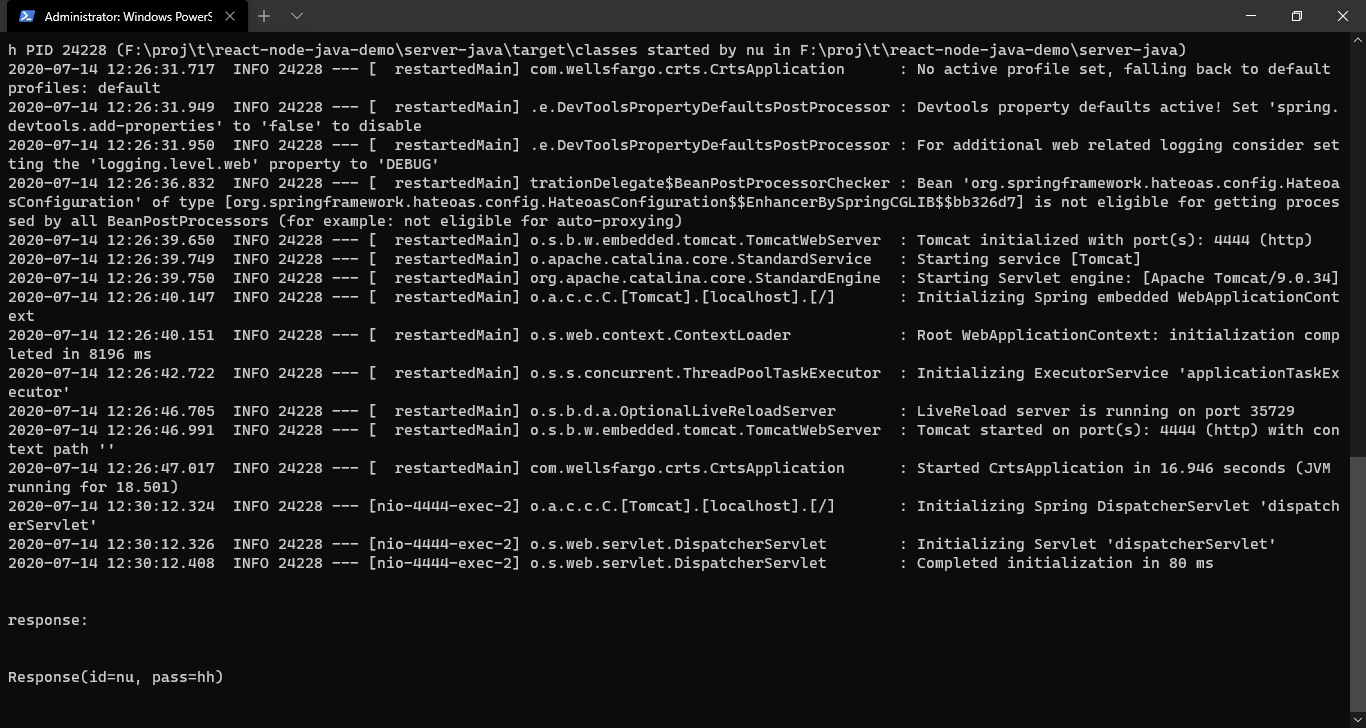
* Send request (GET) to ‘<http://localhost:4444/api/getPass/?id=IdValue&pass=PassValue>’

via browser or any other utility. Shown via postman here:



‘id’ and ‘pass’ are query parameters. Response is shown on the right.

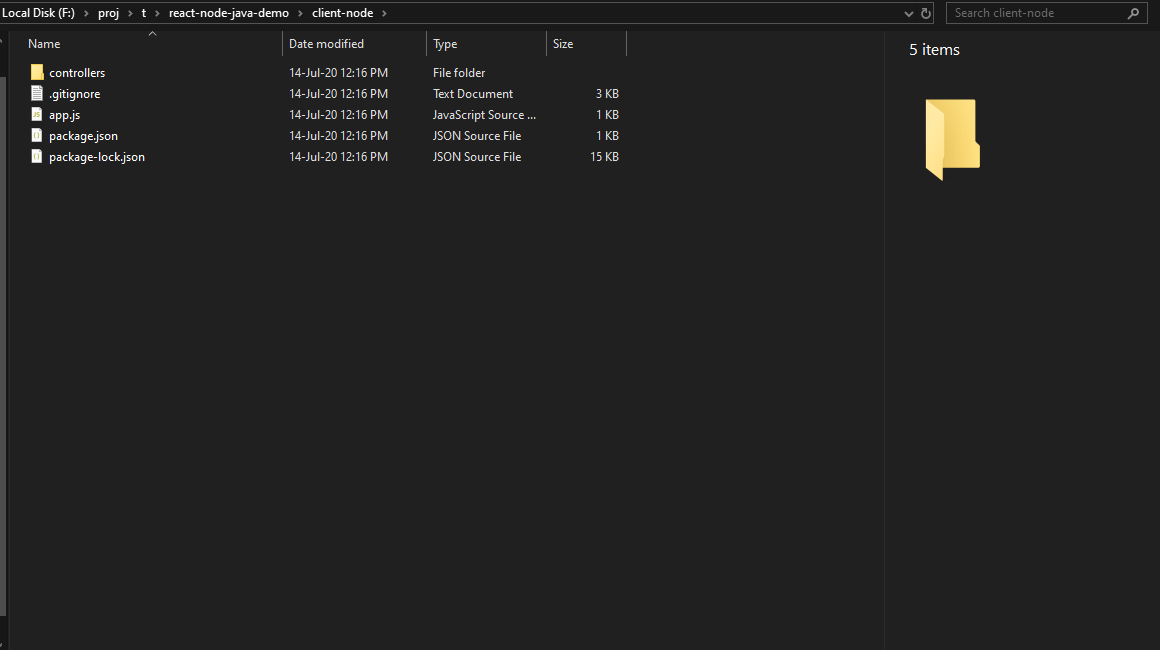
* Console will also print the response



# Client-Node

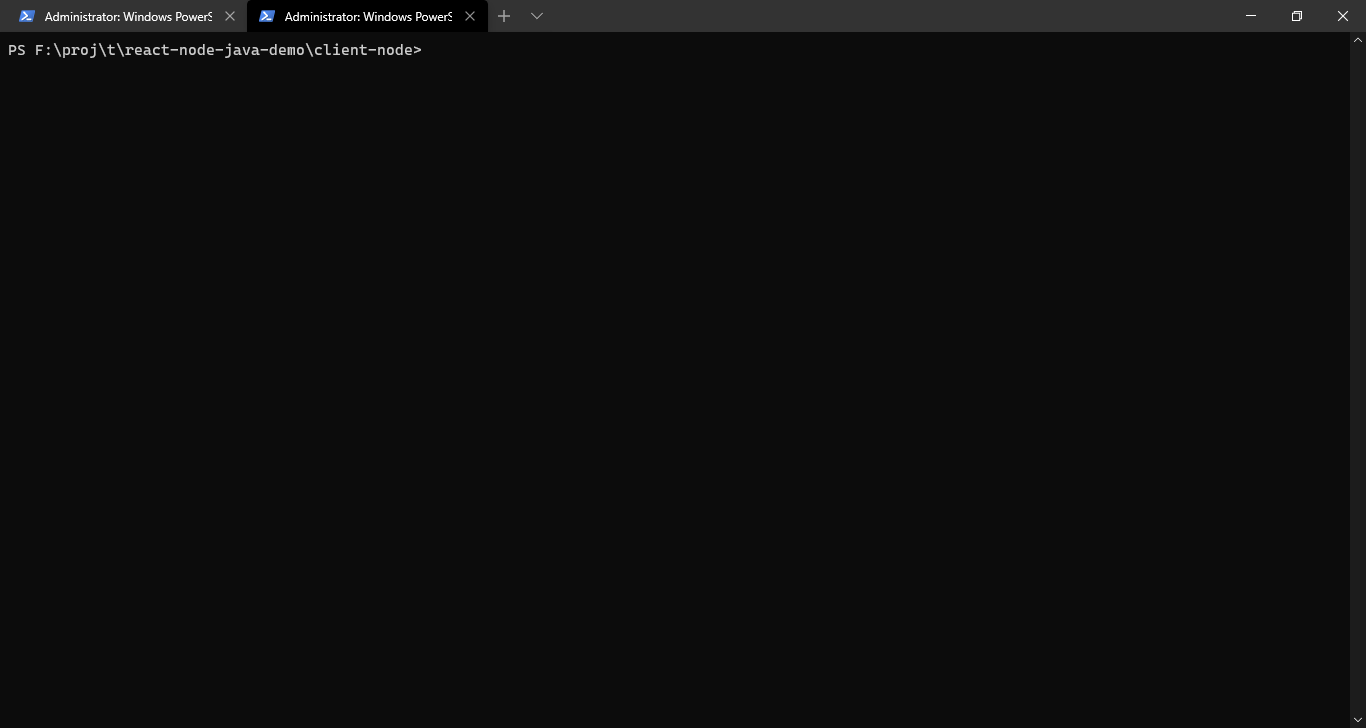
## Setup:

### Pre-installation Directory:

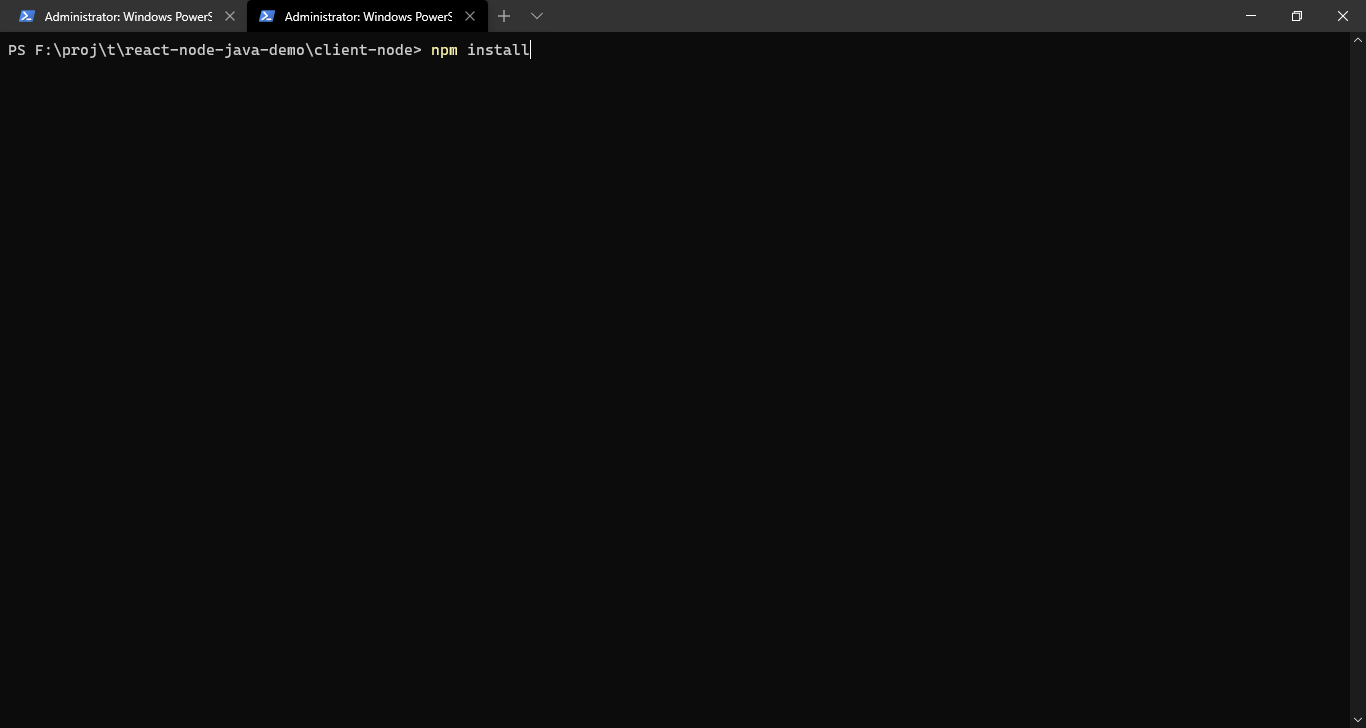


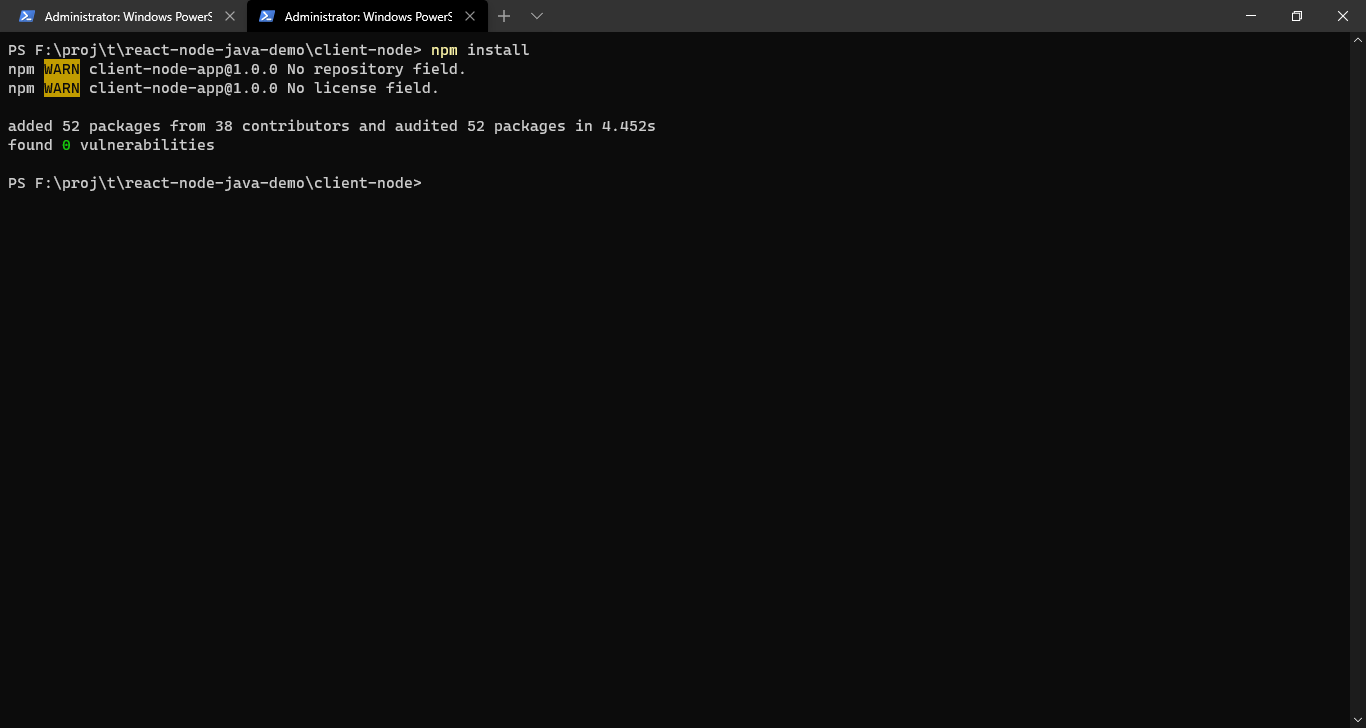
### Installation:

* Open new console and go to client-node directory.

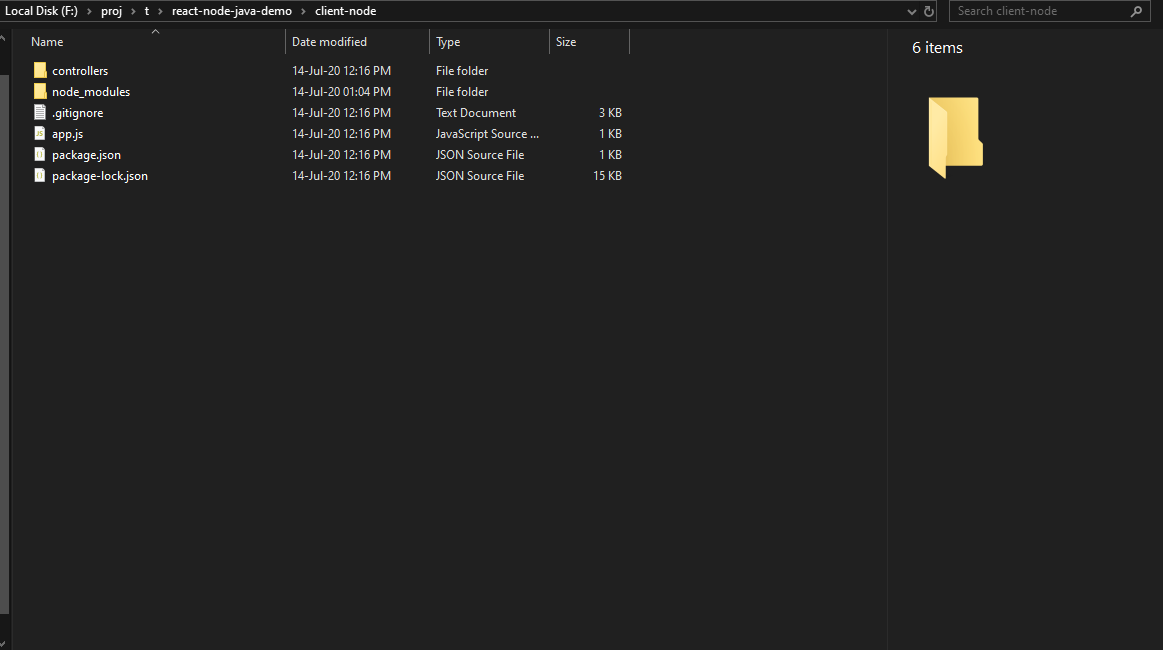


* Run command: ‘npm install’:



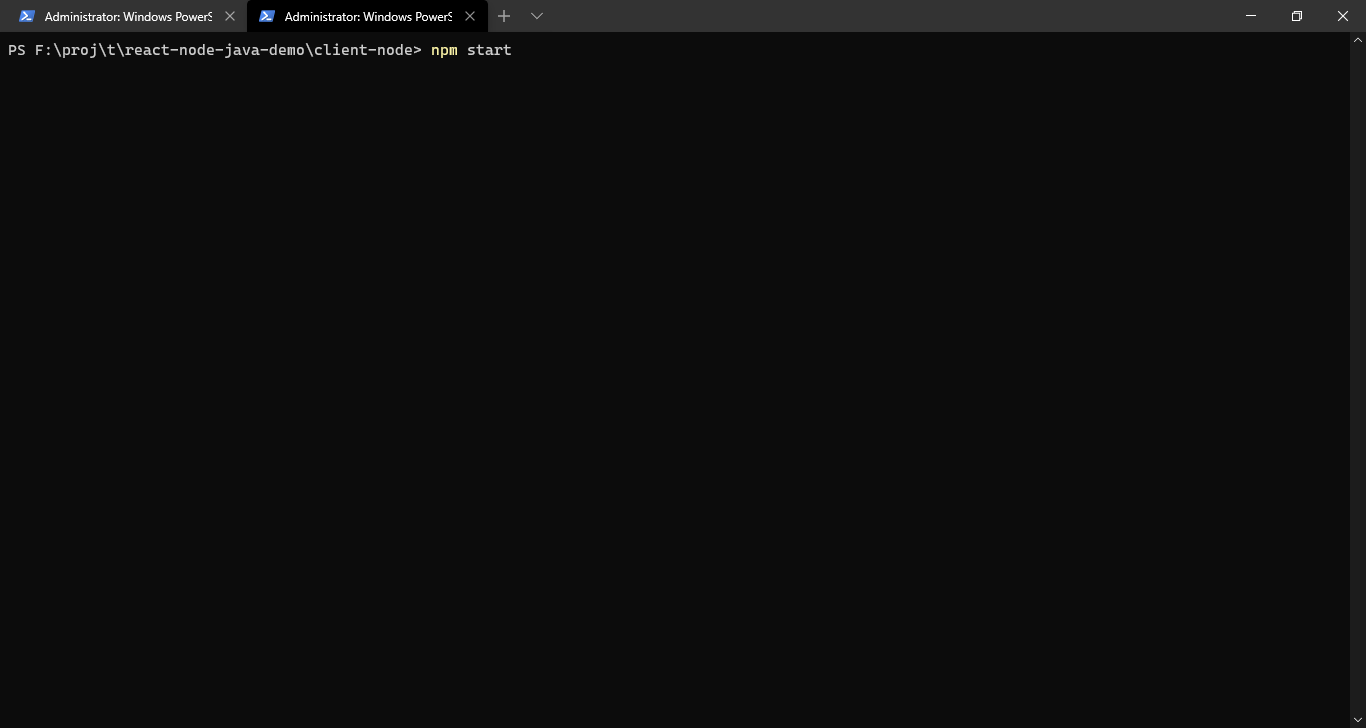


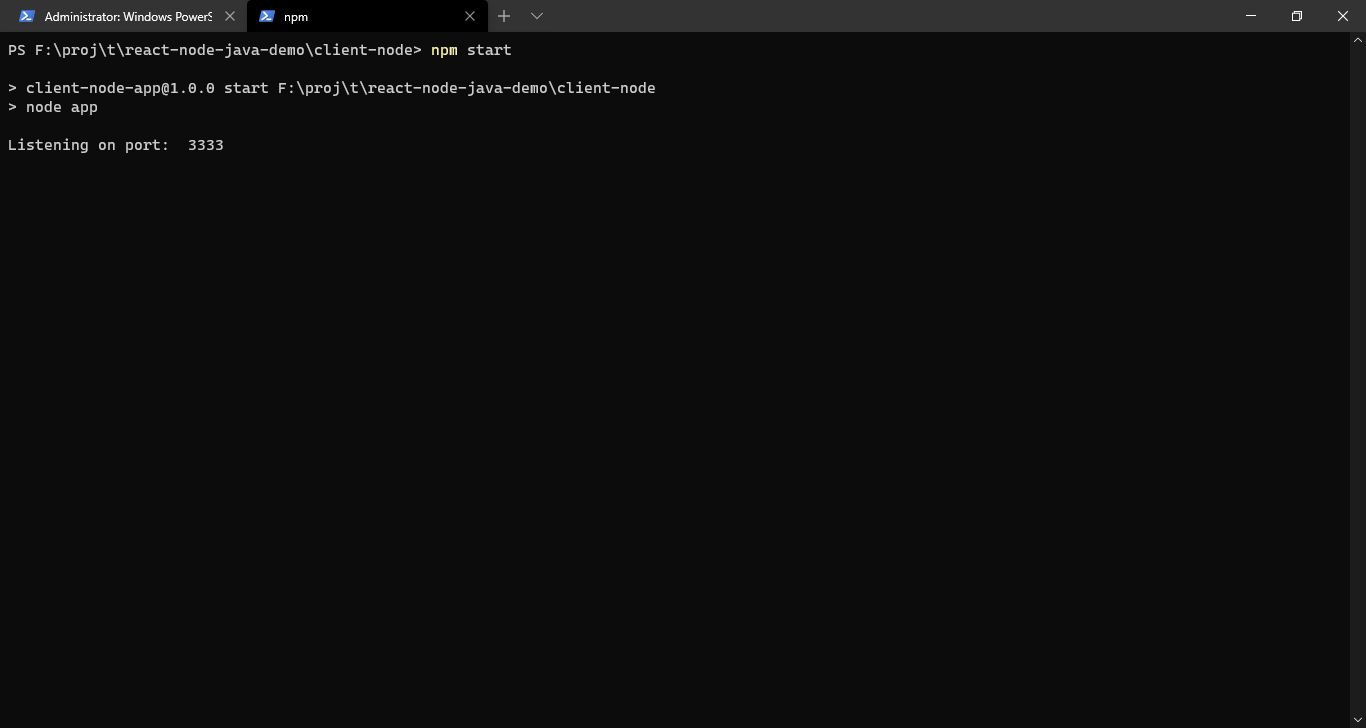
### Post-installation Directory:



## Start:

* Open new console and go to client-node directory.
* Run command ‘npm start’.





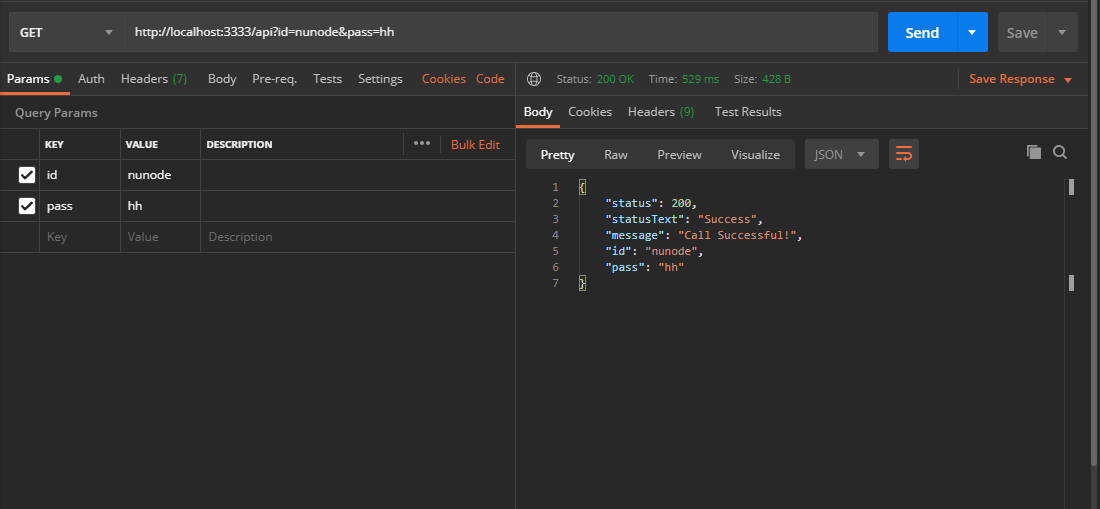
Server will start on port ‘3333’.

## Test:

* Send request (GET) to

‘[http://localhost:3333/api/?id=IdValue&pass=PassValue](http://localhost:4444/api/getPass/?id=IdValue&pass=PassValue)’

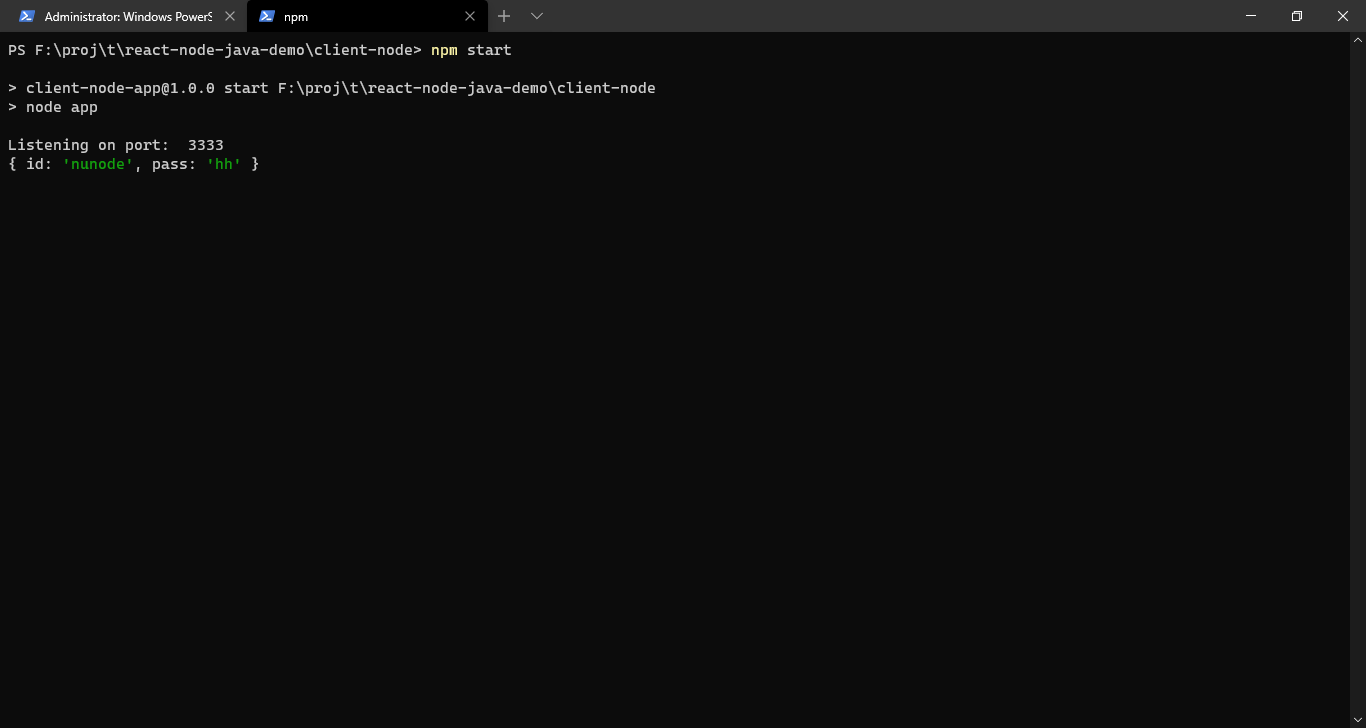
via browser or any other utility. Shown via postman here:



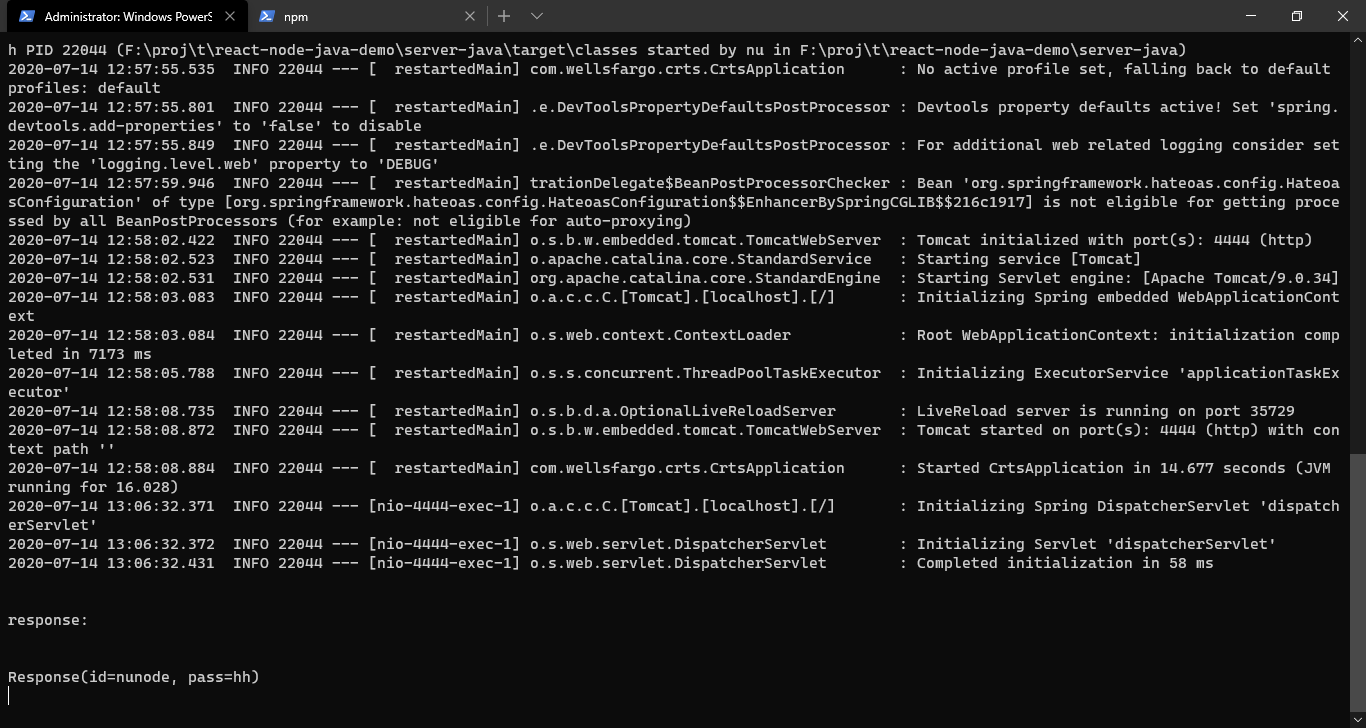
‘id’ and ‘pass’ are query parameters. Response is shown on the right.

Note: Java server should be running.

* Console will also print the response



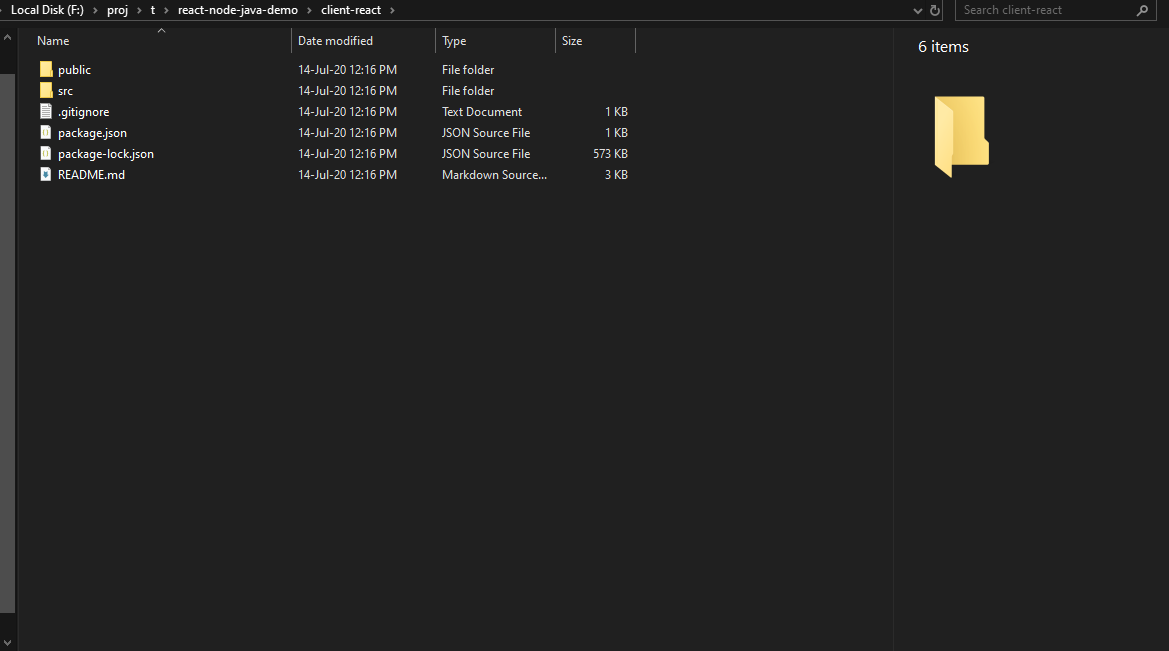
* Response can also be seen in java server’s console:



# Client-React

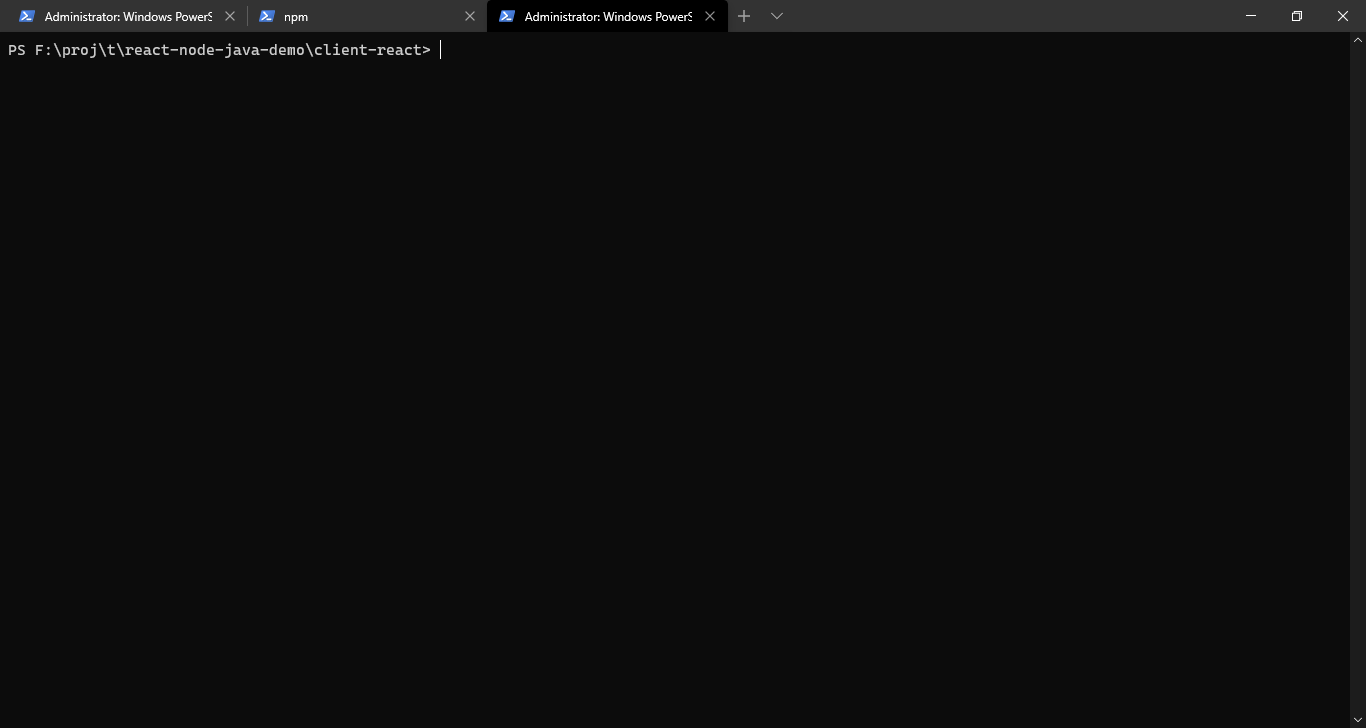
## Setup:

### Pre-installation Directory:

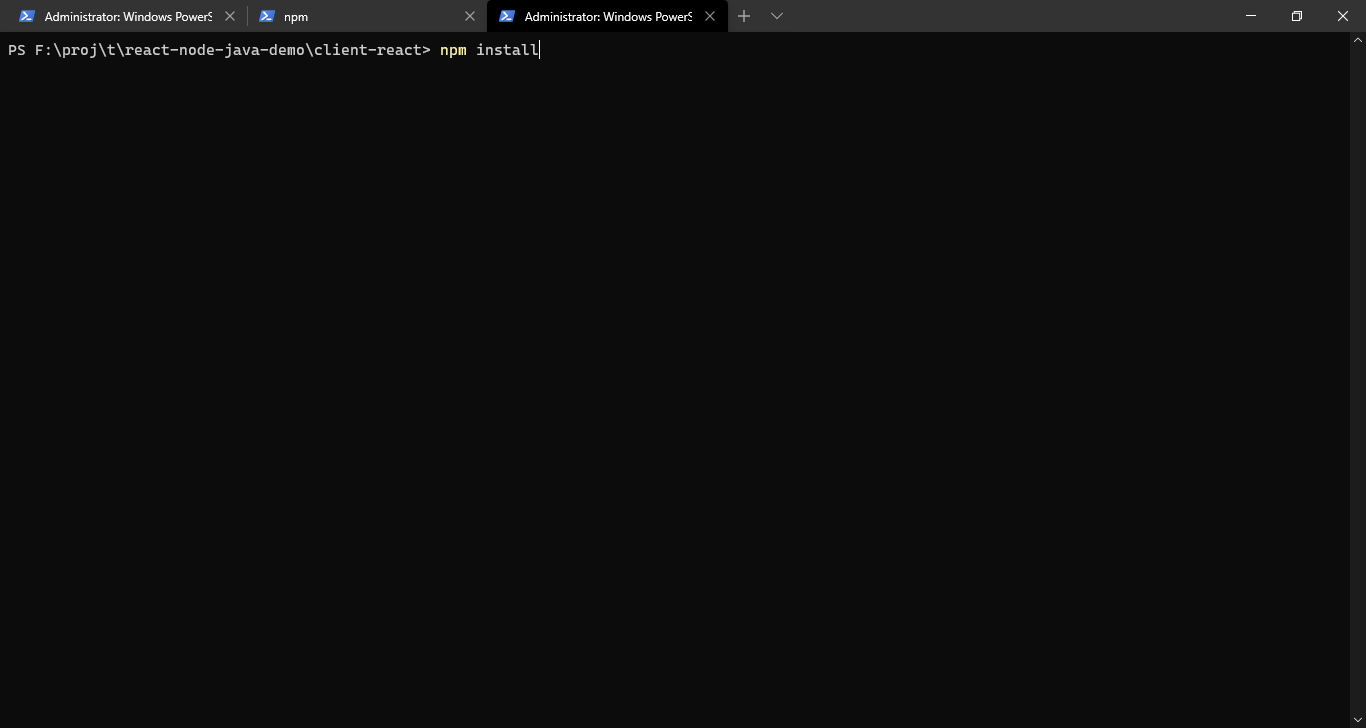


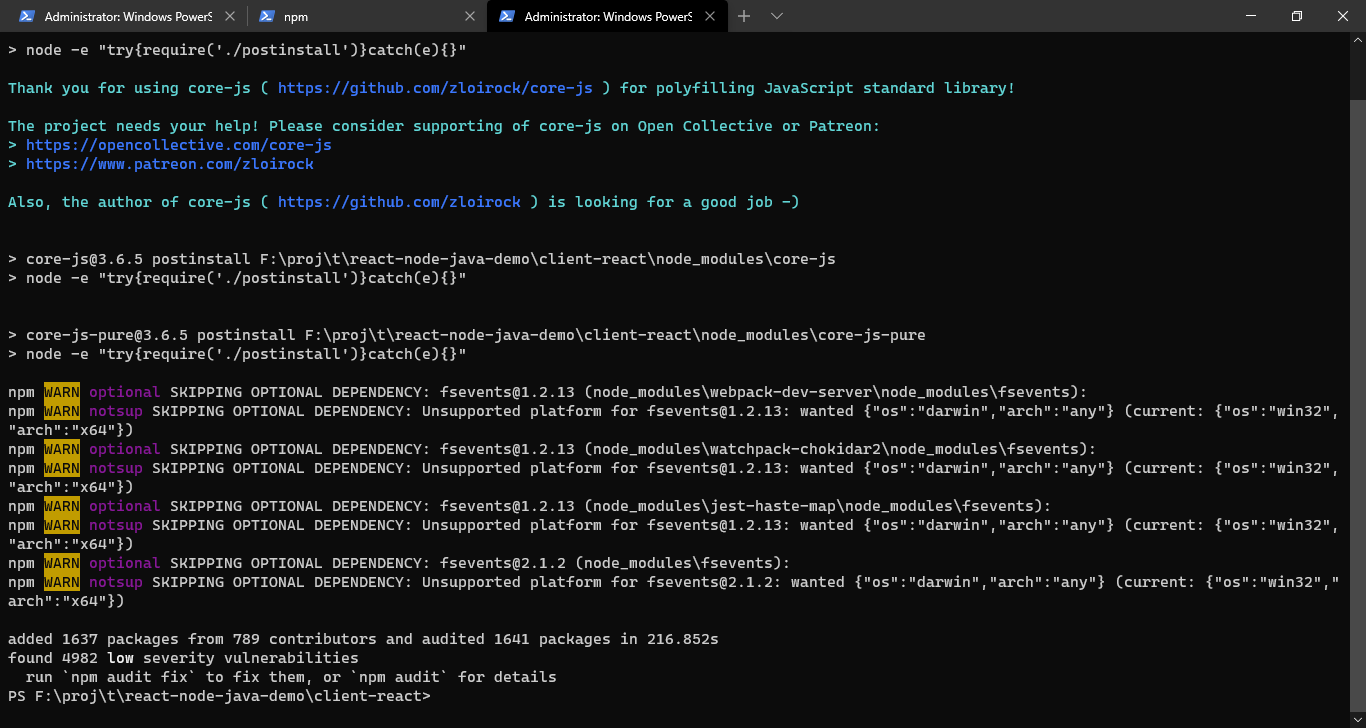
### Installation:

* Open new console and go to client-react directory.

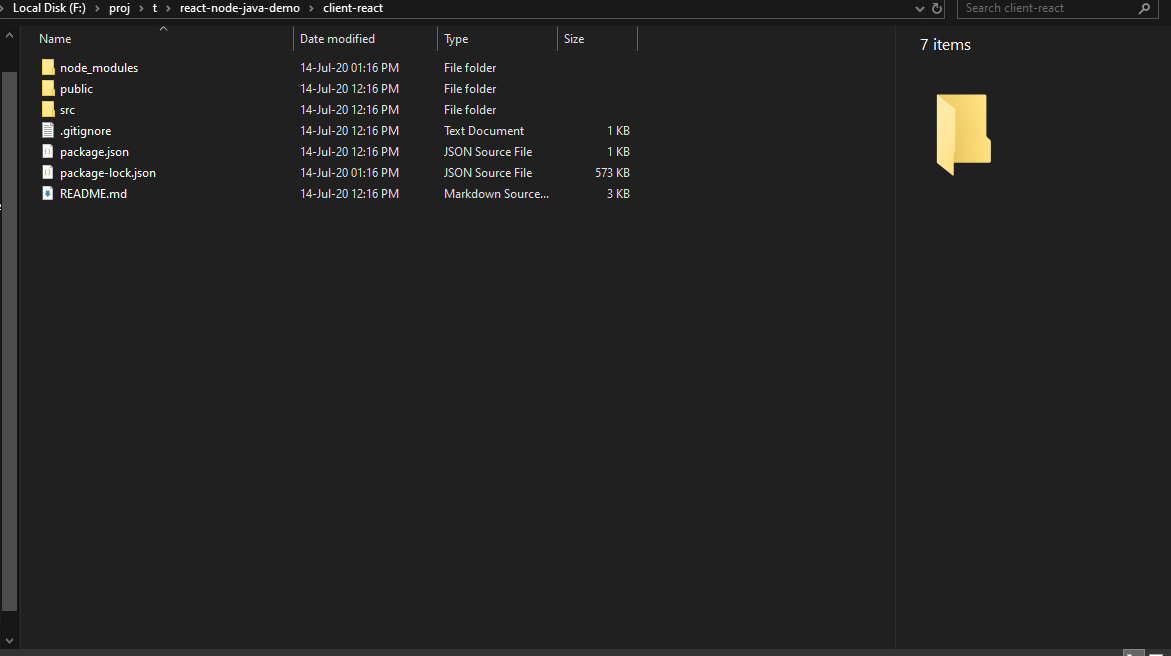


* Run command: ‘npm install’:



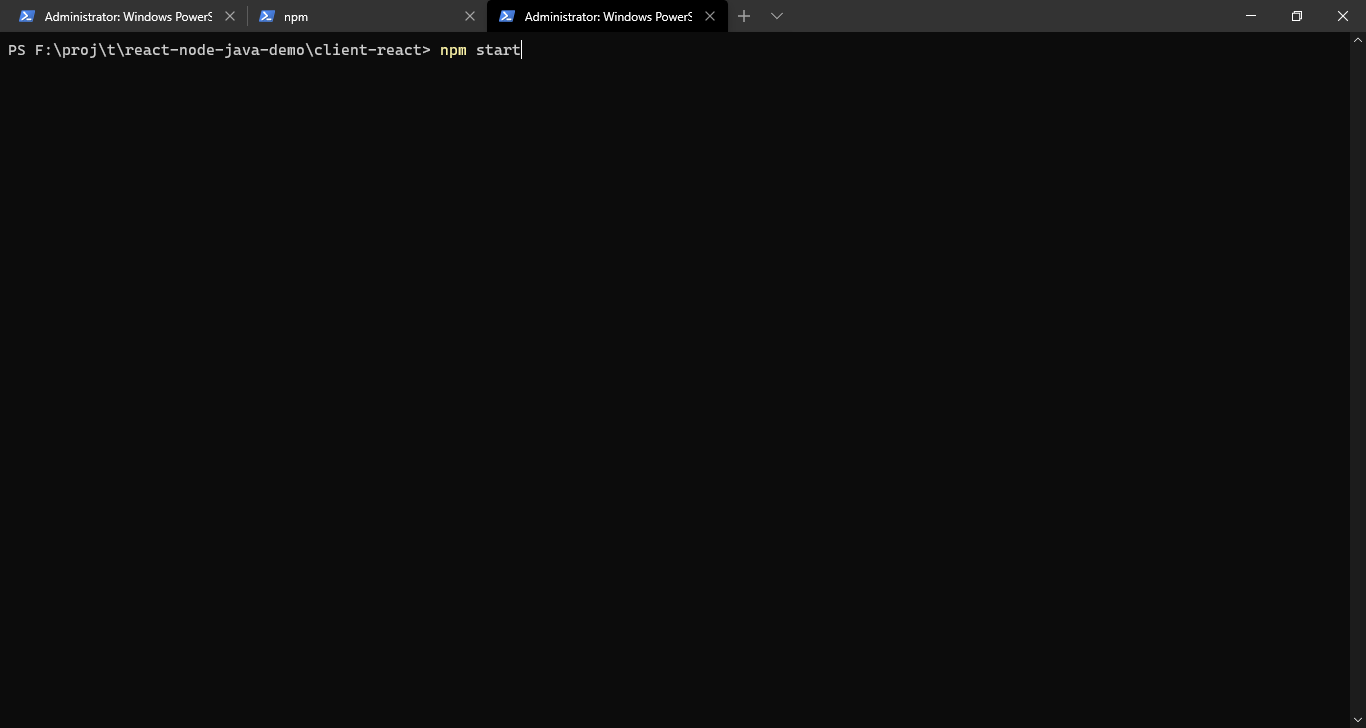


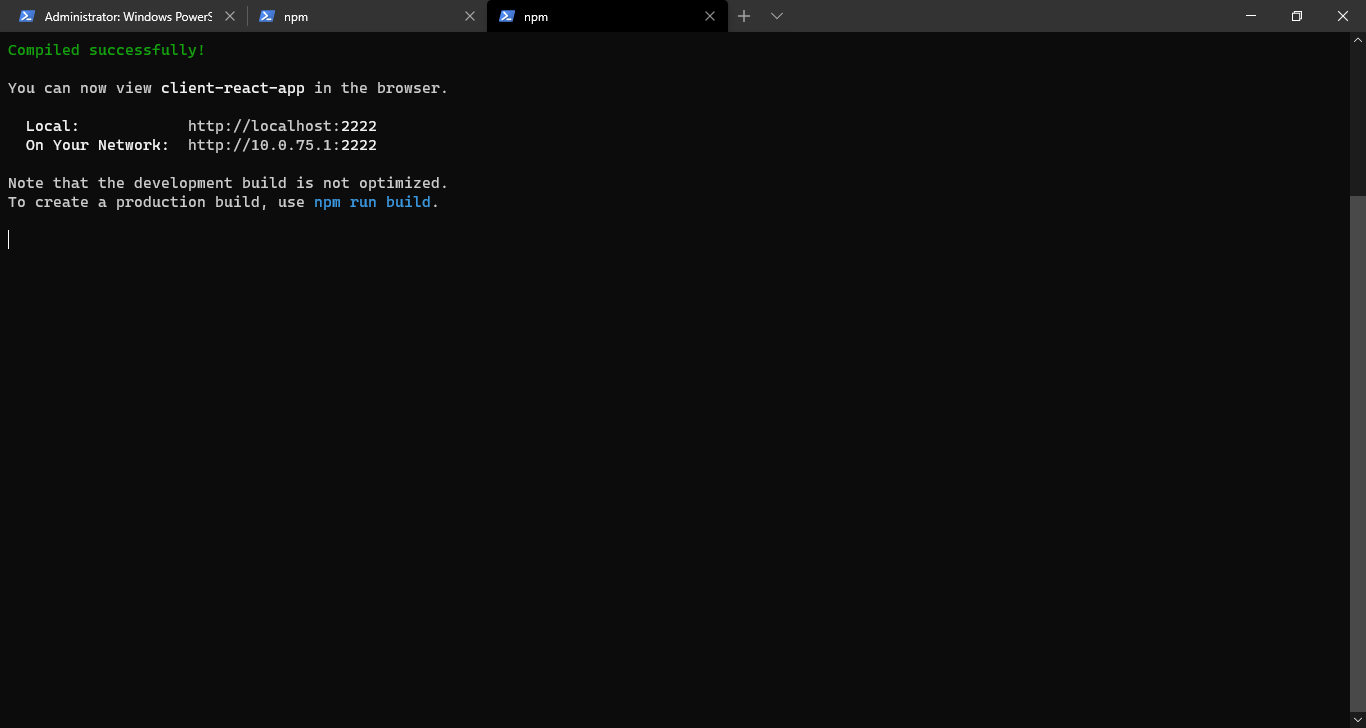
### Post-installation Directory:



## Start:

* Open new console and go to client-react directory.
* Run command ‘npm start’.





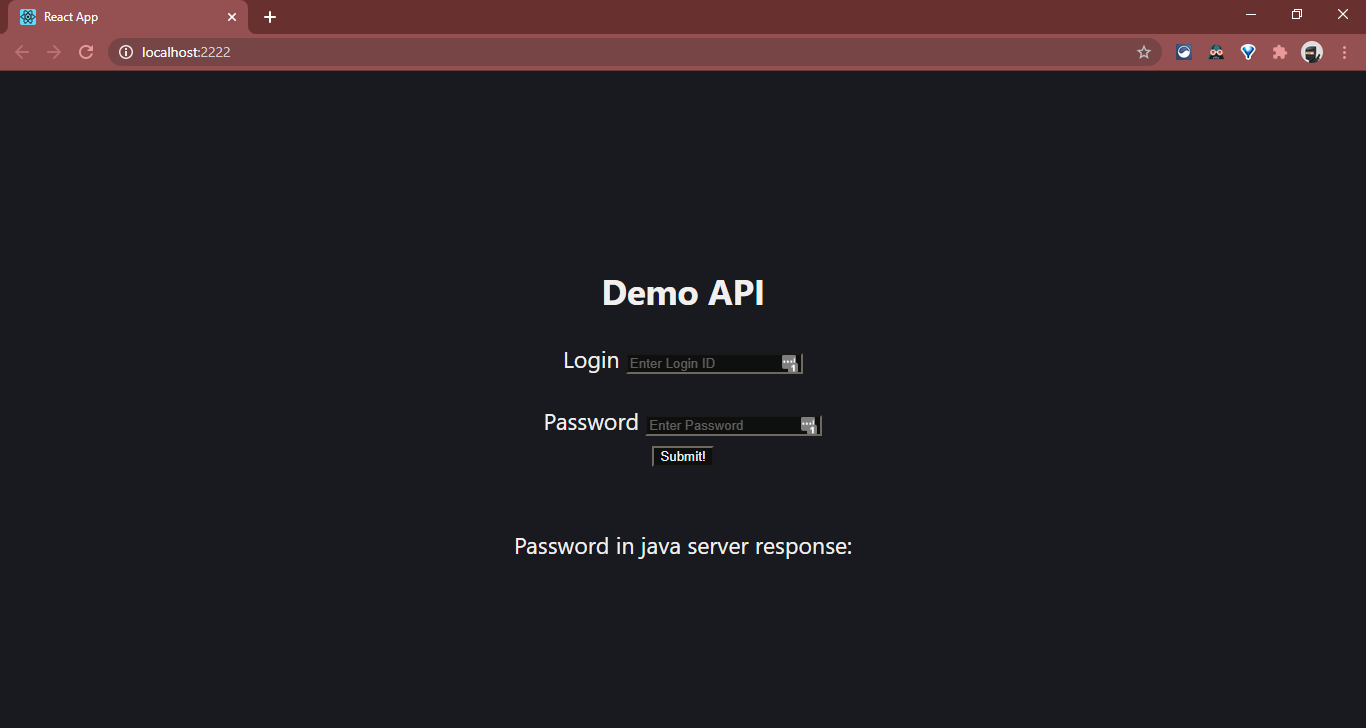
Server will start on port ‘2222’.

## Test:

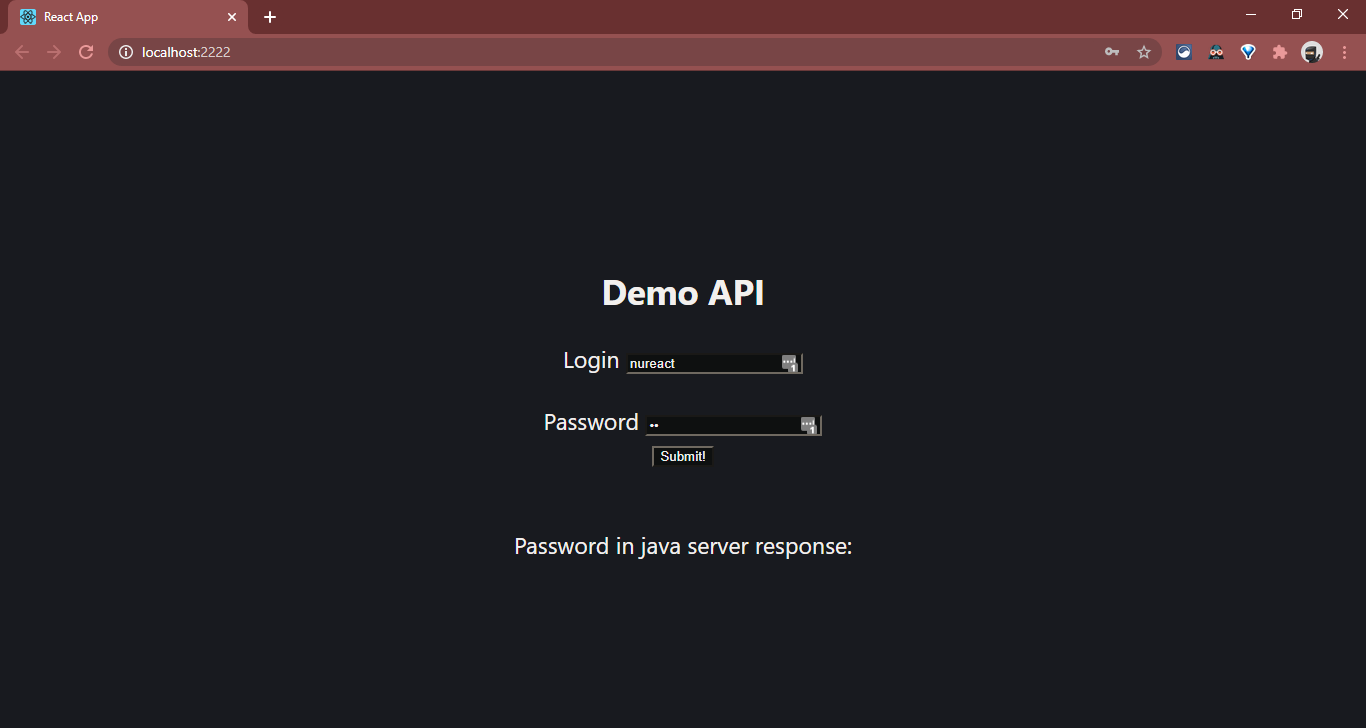
* Go to

‘<http://localhost:2222/>’

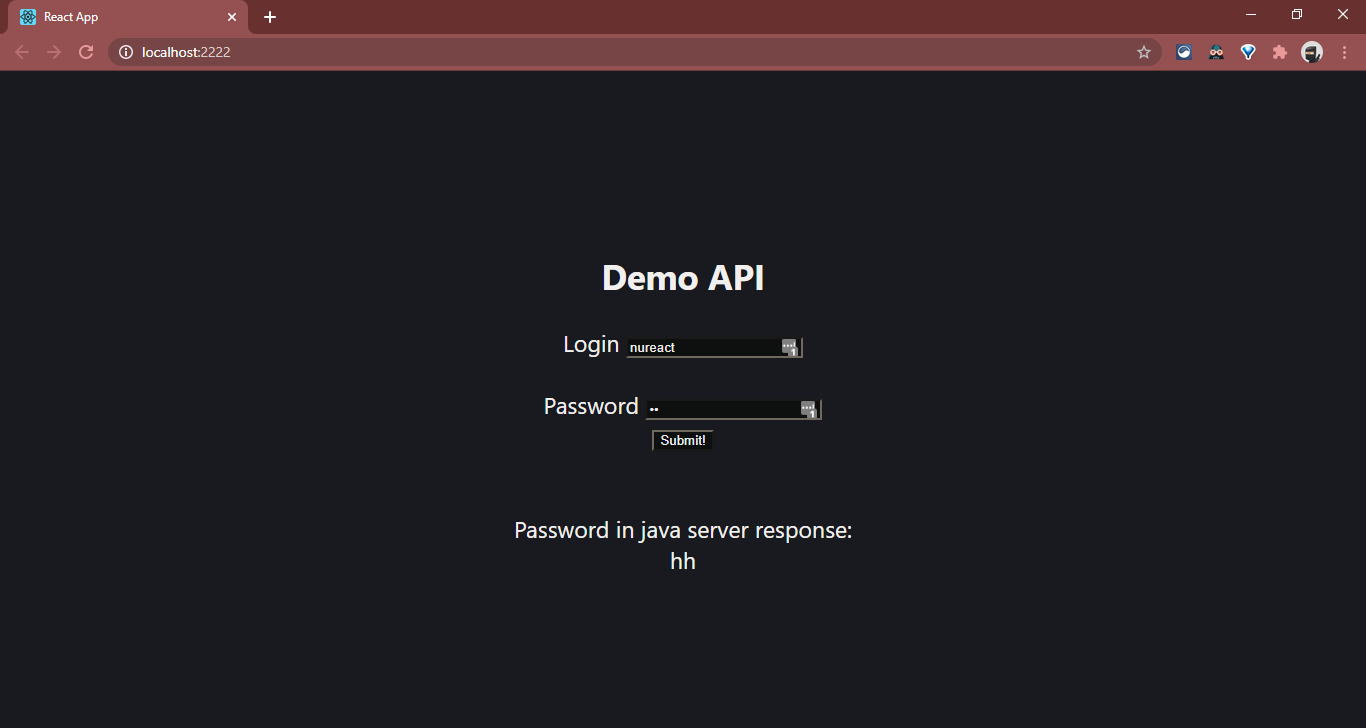
In the browser.



* Fill ‘Login’ and ‘Password’ fields.

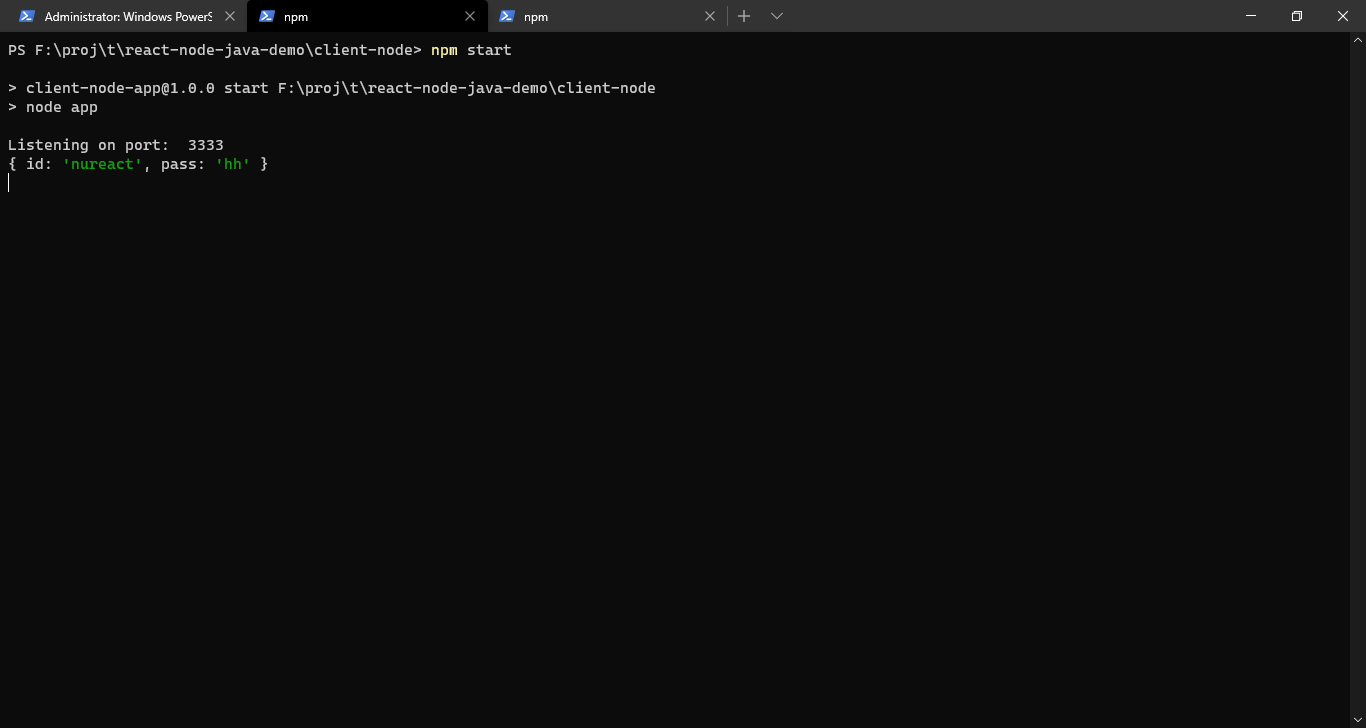


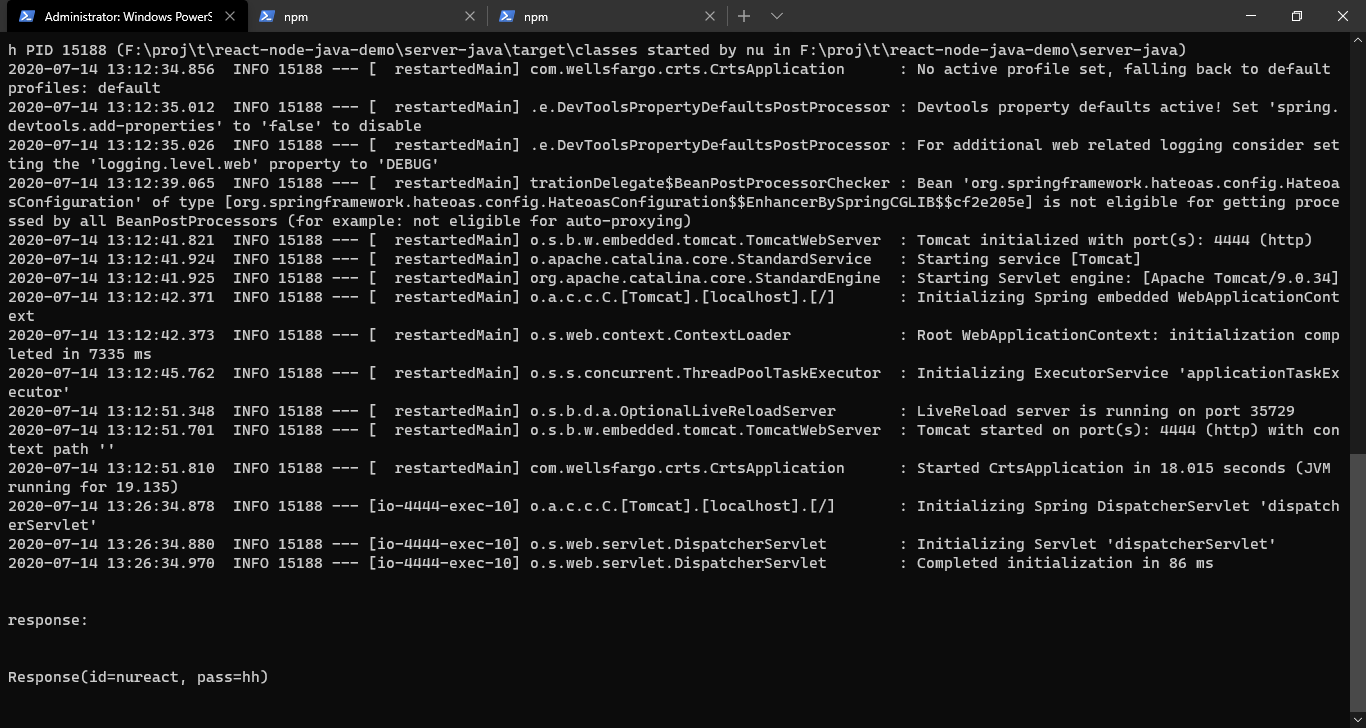
* Press ‘Submit!’. Password from response from java server can be seen at the bottom:



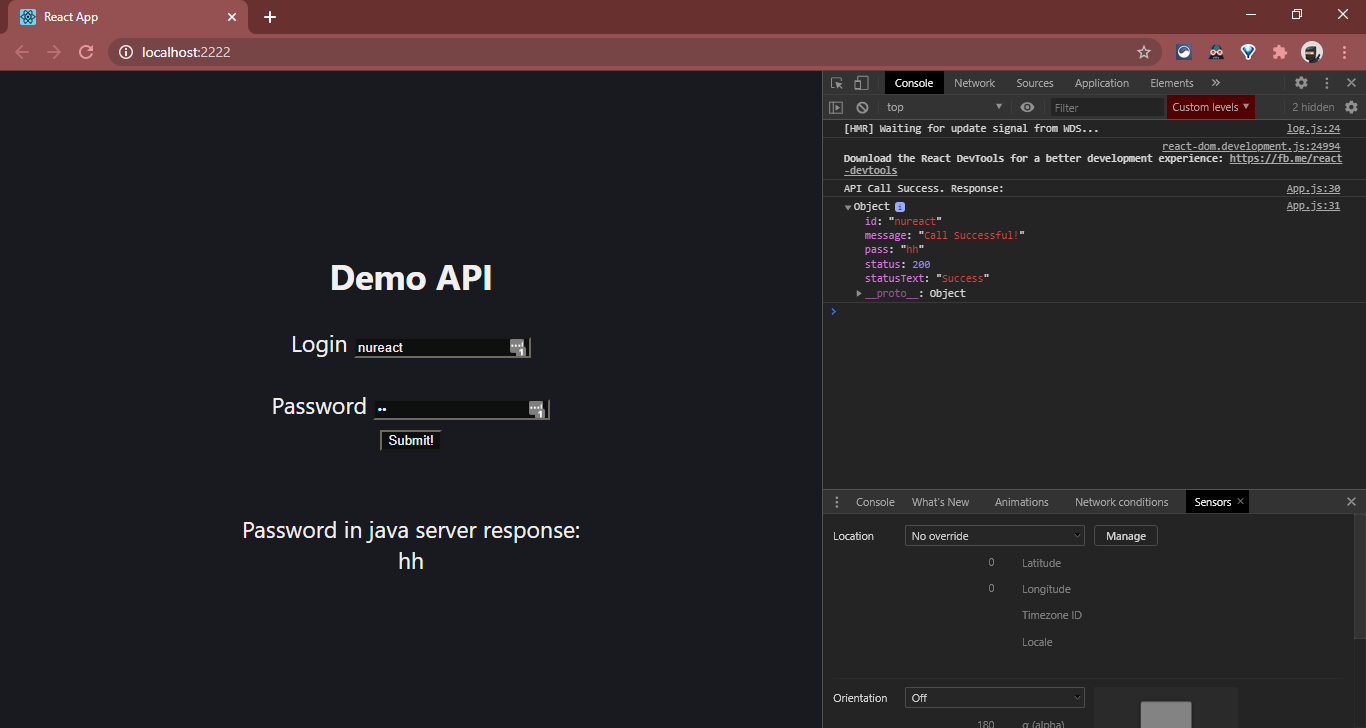
Note: Java and Node servers should be running.

* Response can also be seen in java and node servers’ console:





* Response from node server can also be seen by pressing F12 and opening console on browser tab:



‘id’ and ‘pass’ fields in the above response are filled via response received from java server.