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2KE20CS032

Assignment 24

Understood. To follow the provided instructions and create the files/directory using the same name and case as provided in the task steps, please provide me with the specific names and case instructions for the files/directory you want to create.

Git

Assignment 3: Build a CRUD project using nodejs and mysql

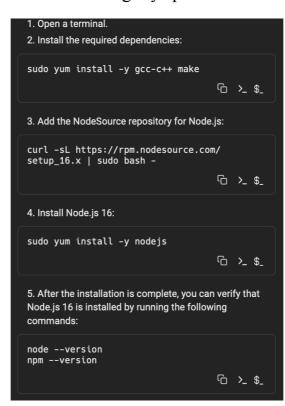
What is npm?

npm (Node Package Manager) is a powerful package manager for Node.js projects. It allows you to easily install, manage, and share packages and dependencies in your Node.js applications.

About the project:

It is a node.js project based on CRUD operation. We can create, add, update and delete

players. In the front end we are using html, css, and javascript, for the backend we are using Nodejs, and for database we are using mysql.



```
lusy@localhost.localdomain ~ git:(HEAD) ±6 (31.423s)
sudo yum install -y nodejs
[sudo] password for lusy:
Last metadata expiration check: 0:46:31 ago on Fri 06 Oct 2023 07:46:11 PM IST.
Dependencies resolved.
______
Package
                        Architecture
                                          Version
______
Installing:
nodejs
                        aarch64
                                          1:16.20.1-2.el9
Installing dependencies:
nodejs-libs
                        aarch64
                                          1:16.20.1-2.el9
Installing weak dependencies:
nodejs-docs
                        noarch
                                          1:16.20.1-2.el9
nodejs-full-i18n
                        aarch64
                                          1:16.20.1-2.el9
                        aarch64
                                          1:8.19.4-1.16.20.1.2.el9
```

```
lusy@localhost.localdomain ~ git:(HEAD) ±6 (0.298s)
node --version
npm --version
v16.20.1
8.19.4
```

1.Clone this repository https://github.com/abdulmalik07-m/node-mysql-crud.git

```
lusy@localhost.localdomain ~ git:(HEAD) ±9 (0.024s)

ls

Docker Docker2 Docker4_sql_data hello-world mattermost mysql_data sql -v.hwm -v.pwi
Docker1 Docker3 Docker5 java_project maven-test1 node-mysql-crud test-docker-compose -v.pwd
```

2. Navigate inside the project folder execute 'nom install' (It will install all the dependencies

from package.json)

```
lusy@localhost.localdomain ~/node-mysql-crud git:(main) ±6 (5.956s)
npm install

up to date, audited 104 packages in 6s

10 packages are looking for funding
   run `npm fund` for details

found 0 vulnerabilities
```

3.Import db.sql file to your mysql server

```
lusy@localhost.localdomain ~/node-mysql-crud git:(main) ±4 (3.554s)
mysql -u root -p socka < db.sql
```

```
mysql -u root -p
Enter password:
Welcome to the MySQL monitor. Commands end with
Your MySQL connection id is 26
Server version: 8.0.32 Source distribution
Copyright (c) 2000, 2023, Oracle and/or its affi
Oracle is a registered trademark of Oracle Corpo
affiliates. Other names may be trademarks of the
owners.
Type 'help;' or '\h' for help. Type '\c' to clea
mysql> show databases;
l Database
 information_schema
 mattermost
| mysql
| performance_schema
l socka
sys
6 rows in set (0.01 sec)
mysql> exit
Bye
```

Note use this for host:(while config the app.js file)

4. Open app. js and configure your DB there

```
// create connection to database
// the mysql.createConnection function takes in a configuration
name.
const db = mysql.createConnection ({
    host: 'localhost',
    user: 'root',
    password: 'password',
    database: 'socka'
});
```

5.Run' node app.js

```
lusy@localhost.localdomain ~/node-mysql-crud git:(main) ±4
node app.js
Server running on port: 5000
Connected to database
```

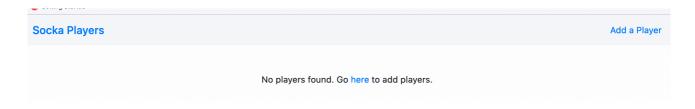
6. Now go to the browser and access your webpage

a) add player



Verify in databases (reflection)

b)Delete the player



Verify in databases (reflection)

```
mysql> select * from players;
Empty set (0.00 sec)

mysql>
```