**Setting Up-The Environment:**

* Install **node.js** from the link <https://nodejs.org/dist/v14.15.5/node-v14.15.5-x64.msi>
* Install Expo
* Make a directory and navigate to that directory and run the commands:
* npm install –g expo-cli //will install expo
* expo init –npm //will initializes expo
* Enter the app name and other information.
* Navigate to the folder with the app-name and run
* npm start //will start the app
* Navigate to the localhost path specified and try to run the application.
* Use your own android phone to test the application instead of android emulator.
* Install VSCode from the link:

<https://code.visualstudio.com/download>

* Install Postman to test API’s from the link:

<https://www.postman.com/downloads/>

* Configure MongoDb Atlas for the applications database on the given link:

<https://cloud.mongodb.com/v2/602031c3d5c9eb473dc61a65#metrics/replicaSet/6020328d309f827e6307dfec/explorer/eshop-database/categories/find>

* Create a cluster with the nearest server to you
* Create a database and collections by giving appropriate names.
* Then click on Database Access from the security panel and create a userId and password through which you can access the database.
* Click on Network Access from the security panel and add your local IP (Google what is my IP) in the given box.
* Click on connect from the clusters tab and add that link in the code to access the created database for your application.

**Working with Backend (Basics set-up):**

* Make a folder and create a subfolder in it named as backend and open it in VSCode.
* Run the command:
  + npm init //will initializes the folder
* Create a folder app.js
* Run the command:
  + npm install nodemon //will run the app once you save the app
* Navigate to package.json and inside scripts add:
  + “start”: ”nodemon app.js”
* To run the application on server install a package with command:
  + npm install express
* To read the environment variables from .env file install a package with command:
  + npm install dotenv
* For your application to understand the incoming json data we should have an middleware so install a package with command:
  + npm install body-parser
* To log the API request that are hitting the server on the console install a package with command:
  + npm install morgan
* To connect to database we should install a package with command:
  + npm install mongoose
* To allow any other application server to use our application we should install a package with command:
  + npm install cors