Gatsby JS

Gatsby Commands :

-> To install gatsby CLI (Command line interface)

npm install -g gatsby-cli

-> Creating new project

npx gatsby new <project-name> <starter link >

-> Starting web view of project

gatsby develop

-> To install file system plugin

npm install gatsby-source-filesystem

-> for React ICONS:

npm install @react-icons/all-files --save

import { IconName } from "@react-icons/all-files/fa/IconName ";

IMPORT ICONS from here :

<https://react-icons.github.io/react-icons>

->

GatsbyJS Plugins:

-> Image plugin

gatsby-plugin-image

npm install gatsby-plugin-image gatsby-plugin-sharp gatsby-source-filesystem gatsby-transformer-sharp

Web site to visit [Tint and shades](https://maketintsandshades.com/) = for colors and shades

[Pixabay](https://pixabay.com/) = for HD images

Git-hub project upload =

= git init

= git add .

= git commit -m "First commit"

= git remote add origin <REPO LINK>

= git push --set-upstream origin main

= git commit -m "First Commit"

= git push --set-upstream origin main

React JS

React Commands

# React and NodeJS installation:-

1.Install latest version of nodeJS

2.check nodeJS version by "node -v"

3.Run command "npm install -g create-react-app" in users cmd.

4.Use "npm install -g react-scripts --save" for react scripts

# React new app running commands

npx create-react-app <appName> ==> creating NEW APP

npm i bootstrap ==> installing bootsrtap

npm i react-router-dom ==> installing react router dom

npm i react-helmet ==> installing react HELMET

import { Helmet } from "react-helmet";

for React ICONS:

npm install react-icons --save

import { IconName } from "react-icons/";

IMPORT ICONS from here :

<https://react-icons.github.io/react-icons/icons?name=gi>

json-server --watch db.json ==> To create db.json file i.e.-local backend

npx json-server --watch data/db.json --port 7000 ==> To update db.json file data

npm i @testing-library/react ==> installing react testing library

npm test -- --coverage --watchAll ==> For the code coverage

Deployment info

--> Netlify

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