React

* Create app using npx-

npx create-react-app appname

npm start 🡪 to run

code .

rfc 🡪 auto complete

* Create app using vite-

npm create vite@latest

npm install 🡪 install anything

npm run dev 🡪 to run

* naming convention

Function,Varible -- myFunction

Component – MyComponent

* Tailwind

1.Install Tailwind CSS and Other Dependencies

npm install -D tailwindcss postcss autoprefixer

2.Generate the Configuration Files

npx tailwindcss init -p

3.Configure Source Paths -->Add this in your content section of tailwind.config.cjs file.

"./index.html",

"./src/\*\*/\*.{js,ts,jsx,tsx}",

4.Add Tailwind Directives to Your CSS -->Add the statements below to your ./src/index.css file:

@tailwind base;

@tailwind components;

@tailwind utilities;

* Redux -

npm i redux react-redux @reduxjs/toolkit

* Toastify

npm i react-toastify

app.jsx 🡪

import 'react-toastify/dist/ReactToastify.css';

import {ToastContainer } from 'react-toastify'

<ToastContainer/>

Node.js

* npm init-->package.json

type:module-->ES6

* npm i nodemon
* require in ES5
* import in ES6 (.mjs for filename)
* npm start

express js

* npm init
* npm i express nodemon

Study

* Java

First-class Function --> when functions in that language are treated like any other variable.

Arrow Functions

Callback Functions

Single Threaded

Asynchronous

Objects as first-class

closure

Prototype-based

Even-driven Architecture

scope of variable --> Done

Hoisting --> Done

shadowing --> Done

array destructor

filter

reduce

foreach

? AND ??

* react

virtual dom

diffing algorithm

react fragment

class compoents

hooks --> special functions used to use class components function in function component

tailwind --> CSS framework

undirection data flow

? AND ?? IN react

child to parent data flow

* Icon

https://fontawesome.com/

heroicons