Notes of Tutorial 3:

Describing packages and files:

1. package.json:

Manages dependencies and scripts.

"scripts" → Defines commands like dev, build, and start.

"dependencies" → Lists installed packages.

1. next.config.js:

Configuration file for Next.js.

1. tsconfig.json:

Used for JavaScript/TypeScript project configuration.

Helps with absolute imports and type checking.

1. eslintrc.json :

is a configuration file for **ESLint**, which helps catch errors and enforce coding standards in Next.js project.

1. .gitignore and readme:

This file consists of instructions.

1. next.env.dts:

Contains the typescript declarations for nextjs.

1. .next:

Generated when we run either dev or build scripts.

Nextjs application is served from here.

1. node\_modules:

All the dependencies of the project are installed; it is generated when dev script is executed if the dependencies are not already created.

1. public:

It consists of important folder that holds all the static assets to be served such as image.

1. src/app:

It is newly introduced app router.

Files:

1. favicon: Contains icon
2. global.css: Contains styles for the app
3. layout.css: UI that can be shared across different pages in your app
4. page.tsx: Unique UI that can be seen.
5. Page.tsx:

Replaces the children prop in layout.tsx to form the complete UI we see in the browser.

Flow of Control:

When we run command ’npm run dev’, execution is transferred to layout.jsx where the root layer is rendered.

When we navigate to localhost:3000 the children prop will always refer to the component defined in page.tsx in app folder that components is home component which is rendered in browser.

App folder is responsible for routing feature in application.