# Next.js

What is Next.js?

Next.js is a React Framework for building web applications.

React

* It’s not feasible to create a fully featured application ready for production.
* React is a library for building user interfaces.
* You need to make decisions about other features such as routing, data fetching and more.

Next.js

* It uses React for building user interfaces.
* Provides additional features that enable you to build production-ready applications.
* These features include routing, optimized rendering, data fetching, bundling, compiling, and more.
* You don’t need to install additional packages as Next.js provides everything you need.
* Options and conventions should be followed to implement these features.

Why learn Next.js?

1. Routing
2. API Routes
3. Rendering
4. Data Fetching
5. Styling
6. Optimization
7. Dev and prod build system.

Prerequisites

* HTML, CSS and JavaScript Fundamentals
* ES6 + features
* React Fundamentals

Npx create-next-app@latest

Enter project name – hello-world

For next 6 prompts accept default values.

Change hello hello-world>app>page.tsx

Changed the next text with my h1 tag to see the changes in app.tx

When you run the command yarn dev from package.json the execution is transferred to the src/app/layout.tsx and rootLayout component is rendered.