**Ionic:**

Ionic framework allows developers to have one codebase for:

Progressive Web Apps(PWA) (Web apps that looks and behave like native apps)

iOS Apps

Android Apps

Electron Desktop Apps(Technology that wraps the web app into a desktop app)

**How Ionic platform behaves:**

Ionic is a set of Web components(**Custom HTML elements**) that helps render a web app as a native app with the help of a tool called **Capacitor** developed by Ionic(alternative is Cordova).

**Ionic helps create apps in many ways:**

With use of frameworks like Angular, React, Vue

Without framework using Vanilla JavaScript

**The Ionic web components are made of tool called Stencil.**

**Setup and getting started:**

Install Node.js

Install Cordova if you want to create a hybrid app

“npm install -g ionic” in the command line

navigate to your project folder and run “ionic start” in command line, provide the details like project name and enter

Follow the instructions on the command line start working by opening the project in a code editor