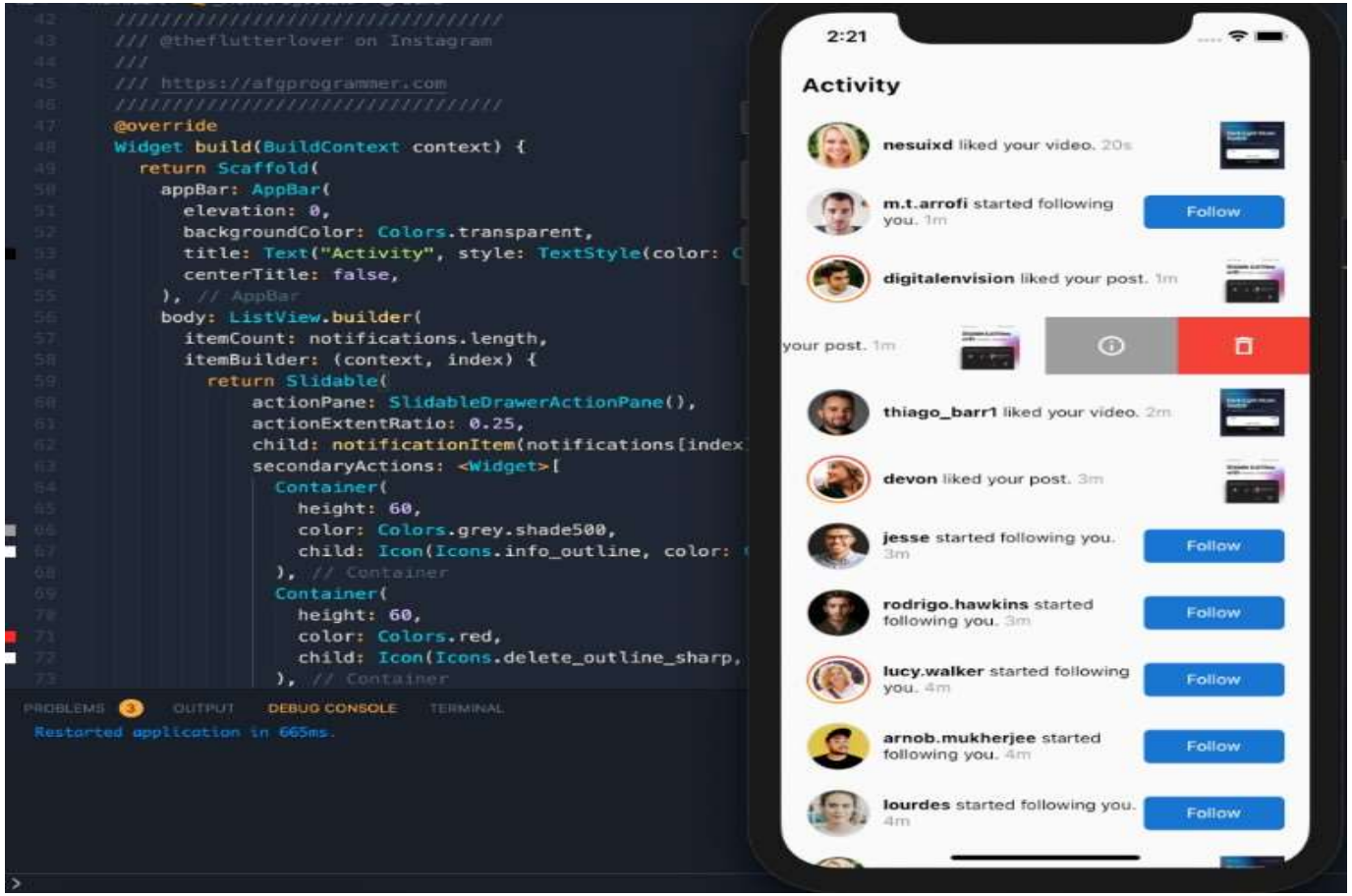
What is Web Development

- Web development is the process of building websitie applications
- It includes using markup and scripting languages to create features and fuctionality, programming,constructing the layout and integrating applications and graphics

Types of web Development

Backend

Frontend

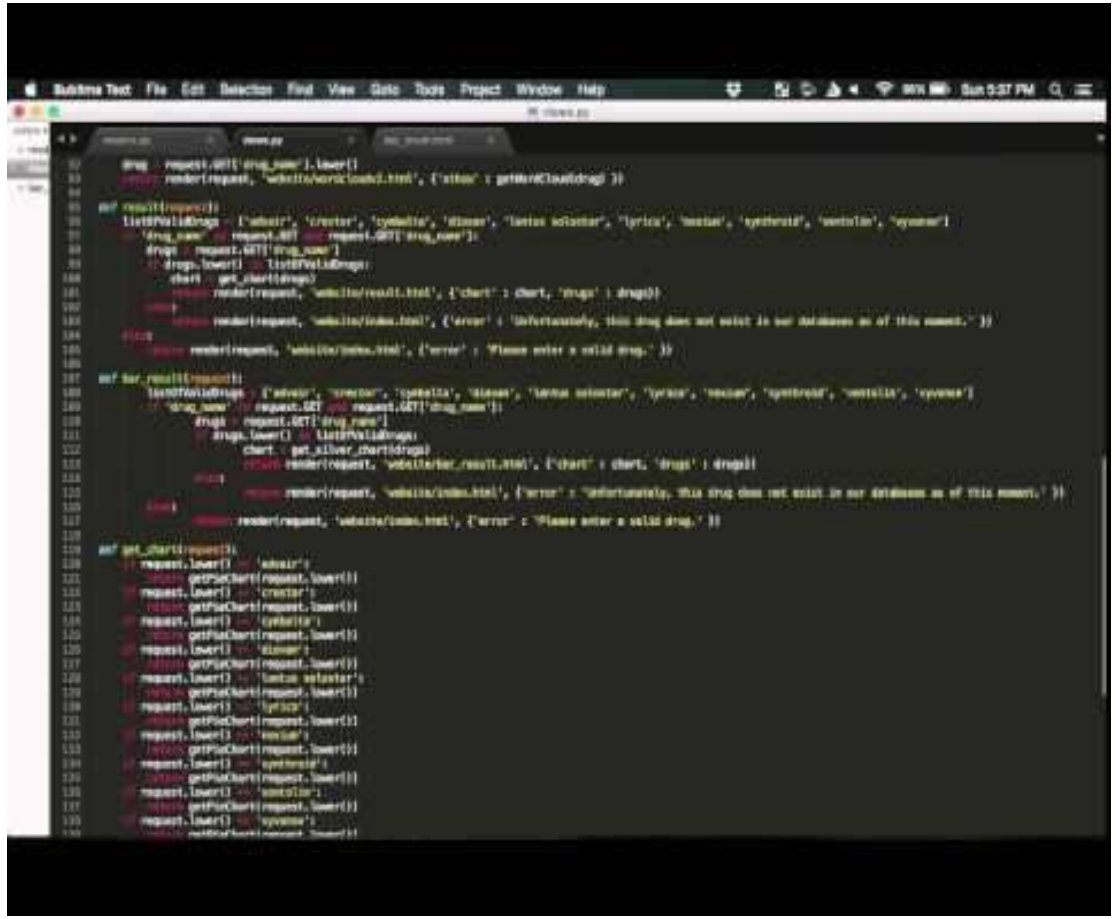


What is Frontend

- Part of the website that the user directly intracts with
- Includes styling, graphics, text, alignment, navigation, colours etc
- Responsiveness and performance are two main objectives of the frontend

what is Backend

- Backend is the server side of the website
- It includes activites like writing APIs, creating libraries, and working with system components
- It ensures data integrity and consistency
- Involves scripting and writing code to communicate with the database



Library :

Collection of pre written code modules or functions that developers can use to add specific functionality to their application

Framework :

Collection of pre written code tools that help develpers build UI/UX of a website or web application

HTML :

Hyper text markup language used to structure the content on web pages it provides a set of elements that define different parts of a web page such as headings, paragraphs, links, images, videos.

CSS :

Cascading Style Sheets (CSS) is a style sheet language used for specifying the presentation and styling of a document written in a markup language such as HTML

JAVASCRIPT :

JavaScript is a high-level, interpreted programming language. It is a text-based programming language used both on the client-side and server-side that allows you to make web pages interactive