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Class - VIII
Month - October - 2026
Topic - Mighty Apps with MIT App Inventor
Creating Simple Apps

I. Answer the following - Short answer

1. What is a native app?

Ans: These apps are developed for a specific Operating System, either iOS, Android or Windows

Example for native apps:
FaceTime ; Apple Pay.

2. Differentiate between front end and backend coding in app development

Ans: * Front end development focuses on what users see and experience. HTML, CSS, Kotlin and Swift languages used for front-end development.

* Back-end development is the main technology that runs the app and makes its features work. php, python, Ruby, NODE.js Used for back-end.

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3. What is a Desktop app?

Ans: These apps are designed to be used on a desktop or laptop computer, with a large screen, a keyboard and a mouse.

They are installed on computer's hard drive and run on the drive. For example VLC Media player, MS Word, Photoshop.

II. Long Answer

1. Explain frontend and backend programming, using a popular app as an example

Ans: Front-end: what we users, see and experience.

The front-end of YouTube consists of many components.

* The colors, layout, and buttons
* The features to search for videos, like the search bar and filters
* The option to like, dislike, and comment on videos.
* The pause and play buttons, and the volume slider.

III.

1.

Ans:

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Back-end: The technology that runs the app to make its features work. Lets understand this with the help of the YouTube app.

The back-end of YouTube also has many components.

* Storage of the videos and related information.
* The program that plays the video of a User's choice
* The algorithm that recommend videos based on watch history.
* The system that checks and removes inappropriate content.

III. Competency - Based Question

1. You are building an app that can run on both iOS and Android devices using a single codebase. What type of app are you developing?

Ans: A cross-platform app is an application that runs on multiple Operating System, such as Android and iOS, using a single codebase.

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