Flutter Tutorial 6: Create a Flutter Project Using Command Prompt

Introduction

In this tutorial, we will learn how to create a new Flutter project using Command Prompt. This method is simple and very useful for beginners because it helps you understand Flutter commands clearly.

Prerequisites

- Flutter SDK installed correctly.
- Flutter path added to Environment Variables.
- `flutter doctor` shows no major errors.

Step 1: Open Command Prompt

- Press **Windows + R**.
- Type `cmd` and press Enter.
- Command Prompt window will open.

Step 2: Navigate to Desired Location

- Use the `cd` command to move to the folder where you want to create the project.
- Example: `cd Desktop`

You can choose any folder where you want to store your Flutter projects.

Step 3: Create Flutter Project

- Type the following command:

  ```
  flutter create projectname
  ```

- Replace **projectname** with your desired project name.

- Example:

  ```
  flutter create my_third_app
  ```

- Press Enter.

Flutter will now generate all necessary files and folders for your project. This may take a few seconds.

Step 4: Open the Project Folder

After project creation:

- Navigate inside the project folder using:

  ```
  cd my_third_app
  ```

Now you are inside your Flutter project directory.

Step 5: Open Project in IDE (Optional)

You can open this project in Android Studio or VS Code.

- For Android Studio:

    - Open Android Studio.
    - Click on Open.
    - Select the project folder.

- For VS Code:

    - Open VS Code.
    - Click on Open Folder.
    - Select the project folder.

Project Structure Overview

When the project is created, you will see important folders and files:

- **lib folder**: Contains main Dart code. The main file is `main.dart`.
- **android folder**: Android-specific files.
- **ios folder**: iOS-specific files.
- **pubspec.yaml**: Used to manage dependencies and project settings.

Useful Flutter Commands

- `flutter create projectname` → Create new project.
- `flutter run` → Run the app.
- `flutter clean` → Clean build files.
- `flutter pub get` → Get dependencies.

Conclusion

Creating a Flutter project using Command Prompt is fast and efficient. It helps you understand how Flutter works from the command line and improves your command knowledge. After creating the project, you can open it in any IDE and start developing your application.

End of Flutter Tutorial 6