

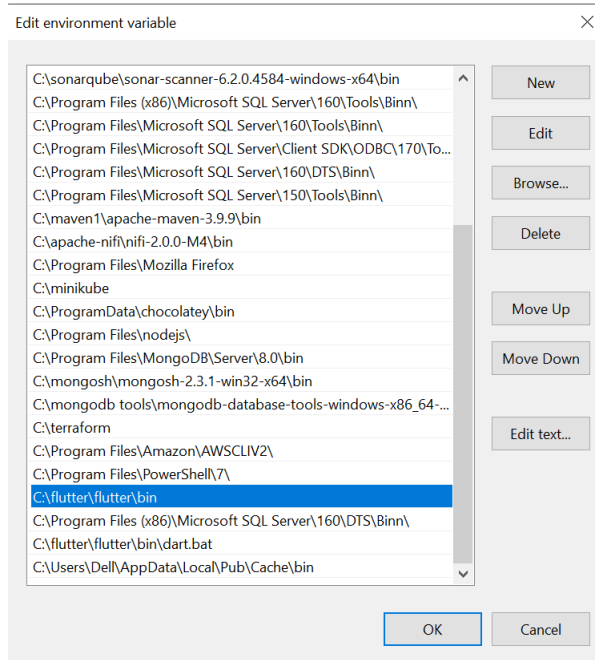
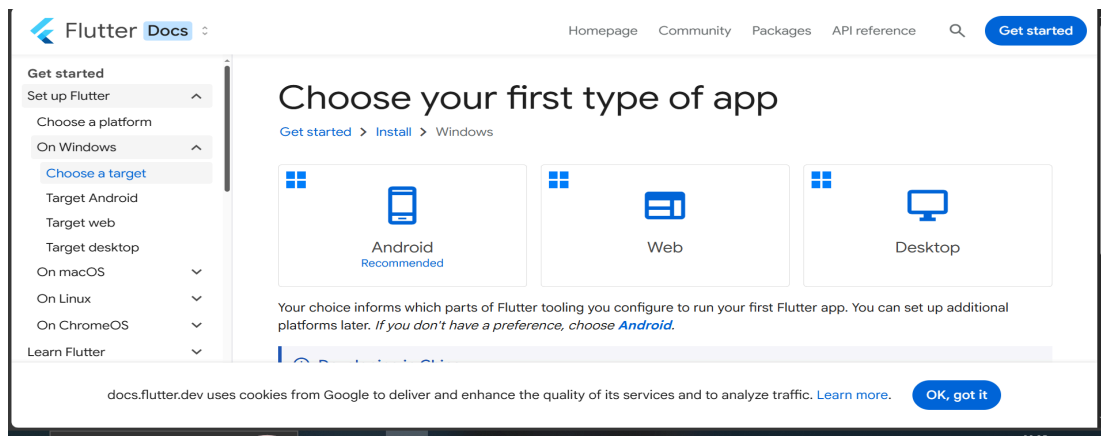
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Experiment 01

Aim: To install and configure the Flutter Environment

Theory:

Flutter is an open-source UI toolkit from Google used for building cross-platform apps. Setting up Flutter involves installing the SDK, configuring environment variables, and setting up an IDE like VS Code or Android Studio.



```
Command Prompt - flutter
Microsoft Windows [Version 10.0.19045.5679]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Dell>flutter

A new version of Flutter is available!
To update to the latest version, run "flutter upgrade".

Manage your Flutter app development.

Common commands:

flutter create <output directory>
  Create a new Flutter project in the specified directory.

flutter run [options]
  Run your Flutter application on an attached device or in an emulator.

Usage: flutter <command> [arguments]

Global options:
-h, --help                Print this usage information.
-v, --verbose              Noisy logging, including all shell commands executed.
                           If used with "--help", shows hidden options. If used with "flutter doctor", shows additional
                           diagnostic information.
(Use "--vv" to force verbose logging in those cases.)
-d, --device-id            Target device id or name (prefixes allowed).
--version                 Reports the version of this tool.
--enable-analytics         Enable telemetry reporting each time a flutter or dart command runs.
--disable-analytics        Disable telemetry reporting each time a flutter or dart command runs, until it is
                           re-enabled.
--suppress-analytics       Suppress analytics reporting for the current CLI invocation.

Available commands:

Flutter SDK
bash-completion  Output command line shell completion setup scripts.
channel          List or switch Flutter channels.
config           Configure Flutter settings.
doctor           Show information about the installed tooling.
```



Conclusion: The Flutter environment was successfully installed and configured, providing a solid foundation for cross-platform mobile app development. With Flutter, Android Studio, and the required SDKs in place, we are now equipped to start building and testing mobile applications efficiently. The setup ensures a smooth workflow for writing, debugging, and deploying apps on both Android and iOS platforms.