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| DOP:                             | DOS:                        |
| Sign:                            | Grade:                      |

## Experiment 1

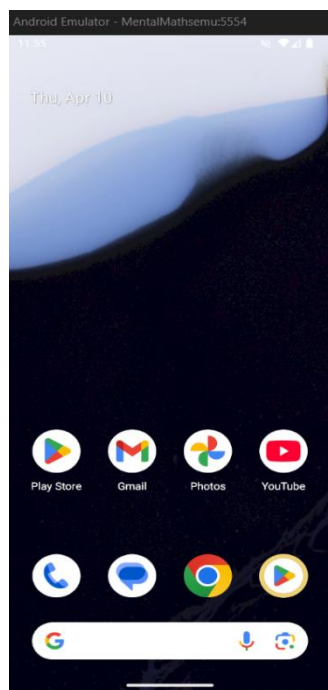
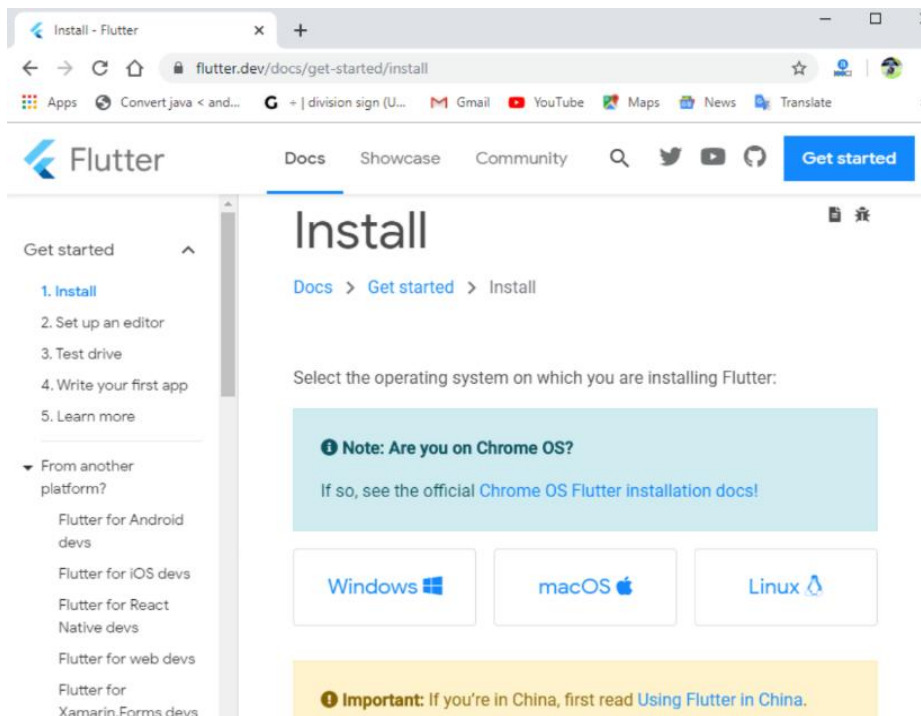
**Aim:** Installation and Configuration of Flutter environment.

### Theory:

- Flutter is an open-source UI toolkit developed by Google for building natively compiled applications for mobile, web, and desktop from a single codebase.
- To install and configure the Flutter development environment on a local system. This includes setting up Flutter SDK, Android Studio, and necessary plugins.
- It enables developers to build and run Flutter applications on emulators or physical devices.

### Output:

The screenshot shows the Flutter Docs website. The header includes the Flutter logo, 'Docs', and navigation links: Homepage, Community, Packages, API reference, and a search icon. A left sidebar lists navigation options under 'Get started' (Set up Flutter, Choose a platform, On Windows, On macOS, On Linux, On ChromeOS, Learn Flutter, Stay up to date, App solutions) and 'User interface' (Introduction, Widget catalog, Layout, Adaptive & responsive design, Design & theming, Interactivity, Assets & media). The main content area is titled 'Choose your development platform to get started' with a breadcrumb 'Get started > Install'. Below this are four platform cards: Windows (Current device), macOS, Linux, and ChromeOS. A blue box titled 'Developing in China' contains text about using Flutter in China. At the bottom, there is a feedback section 'Was this page's content helpful?' with thumbs up/down icons and a footer note: 'Unless stated otherwise, the documentation on this site reflects the latest stable version of Flutter. Page last updated on 2025-03-12. View source or report an issue.'



### Conclusion:

The Flutter environment setup, including the SDK, Android Studio, and plugins, enables developers to build and run apps smoothly on emulators or devices, forming the foundation for efficient Flutter development.

Github link: [https://github.com/w4lyf/MPL\\_LAB\\_01](https://github.com/w4lyf/MPL_LAB_01)