

EXPERIMENT NO 1

NAME-SPANDAN DEB

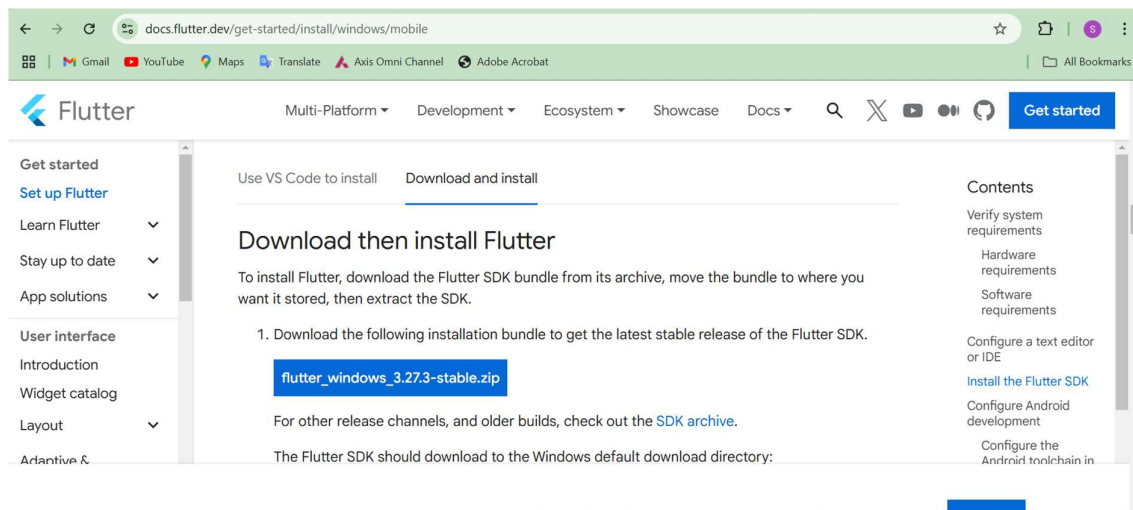
CLASS-D15A

ROLL NO -13

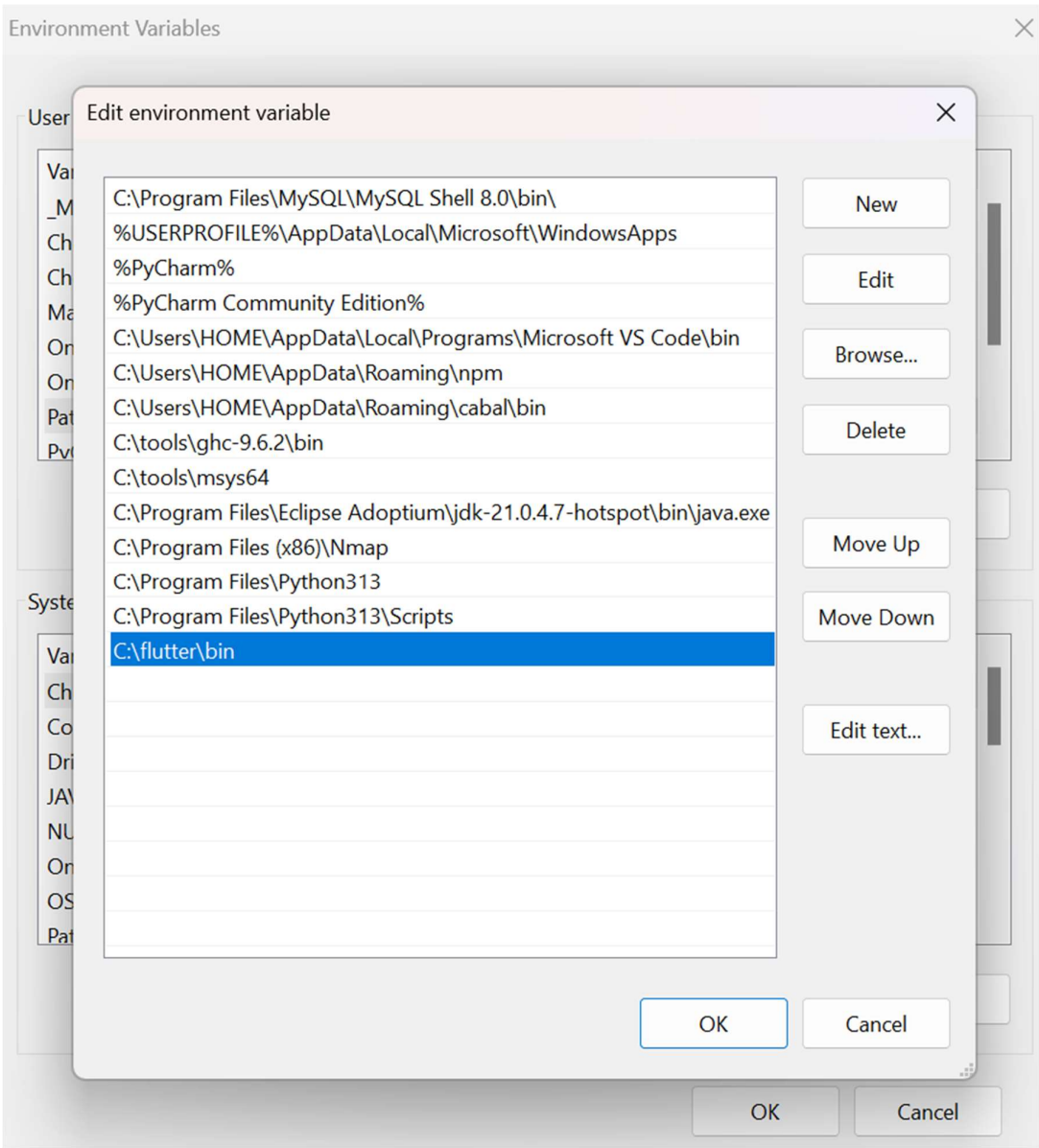
AIM: Installation and Configuration of Flutter Environment.

CODE:

Install Flutter



Setting the Environment Variable



Running Flutter command

```
C:\Users\HOME\spandan>flutter
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]

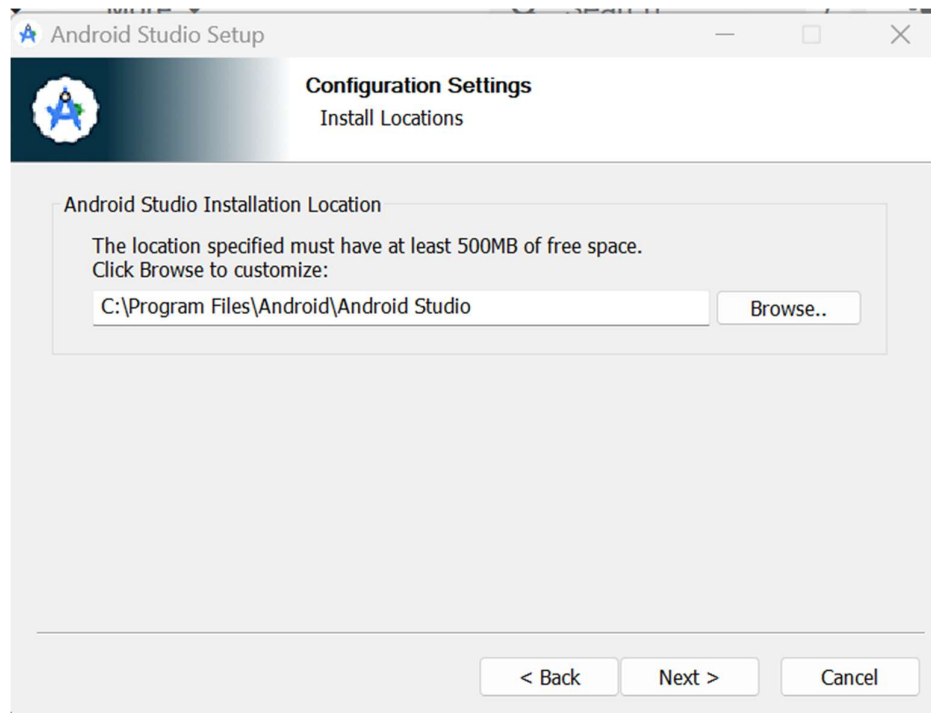
Global options:
-h, --help                Print this usage information.
-v, --verbose              Noisy logging, including all shell commands executed.
                           If used with "--help", shows hidden options. If used with "flutter run",
                           shows diagnostic information. (Use "-vv" to force verbose logging in all 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 is run.
--disable-analytics       Disable telemetry reporting each time a flutter or dart command is run.
                           Telemetry will be re-enabled.
--suppress-analytics       Suppress analytics reporting for the current CLI invocation.

Available commands:
```

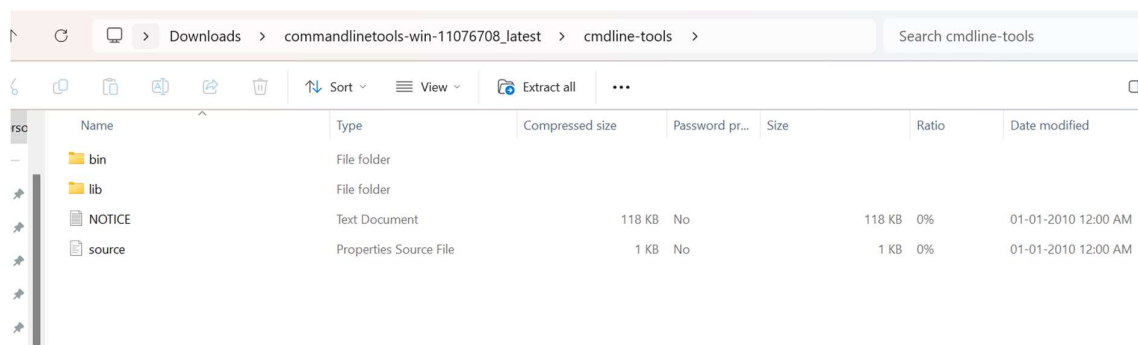
Running flutter doctor

```
C:\Users\HOME\spandan>flutter doctor
Doctor summary (to see all details, run flutter doctor -v):
[✓] Flutter (Channel stable, 3.27.3, on Microsoft Windows [Version 10.0.22631.4751], locale en-US)
[✓] Windows Version (Installed version of Windows is version 10 or higher)
[X] Android toolchain - develop for Android devices
    X Unable to locate Android SDK.
      Install Android Studio from: https://developer.android.com/studio/index.html
      On first launch it will assist you in installing the Android SDK components.
      (or visit https://flutter.dev/to/windows-android-setup for detailed instructions).
      If the Android SDK has been installed to a custom location, please use
      `flutter config --android-sdk` to update to that location.
```

Downloading Android SDK



Downloaded command line tools of Android SDK



There are 2 issues according flutter doctor

```
C:\Users\HOME>flutter doctor
Doctor summary (to see all details, run flutter doctor -v):
[✓] Flutter (Channel stable, 3.27.3, on Microsoft Windows [Version 10.0.22631.4751], locale en-IN)
[✓] Windows Version (Installed version of Windows is version 10 or higher)
[✓] Android toolchain - develop for Android devices (Android SDK version 35.0.1)
    ! Some Android licenses not accepted. To resolve this, run: flutter doctor --android-licenses
[✓] Chrome - develop for the web
[X] Visual Studio - develop Windows apps
    X Visual Studio not installed; this is necessary to develop Windows apps.
      Download at https://visualstudio.microsoft.com/downloads/.
      Please install the "Desktop development with C++" workload, including all of its default components
[✓] Android Studio (version 2024.2)
[✓] VS Code (version 1.96.2)
[✓] Connected device (3 available)
[✓] Network resources

! Doctor found issues in 2 categories.
```

Accepted the Android licenses

```
C:\Users\HOME>flutter doctor --android-licenses
Warning: This version only understands SDK XML versions up to 3 but an SDK XML file of version 4 was encountered.
you use versions of Android Studio and the command-line tools that were released at different times.
Warning: Errors during XML parse...
Warning: Additionally, the fallback loader failed to parse the XML.ry...
Warning: Errors during XML parse: [ 66% Fetch remote repository...
Warning: Additionally, the fallback loader failed to parse the XML.
[=====] 100% Computing updates...
6 of 7 SDK package licenses not accepted.
Review licenses that have not been accepted (y/N)? y

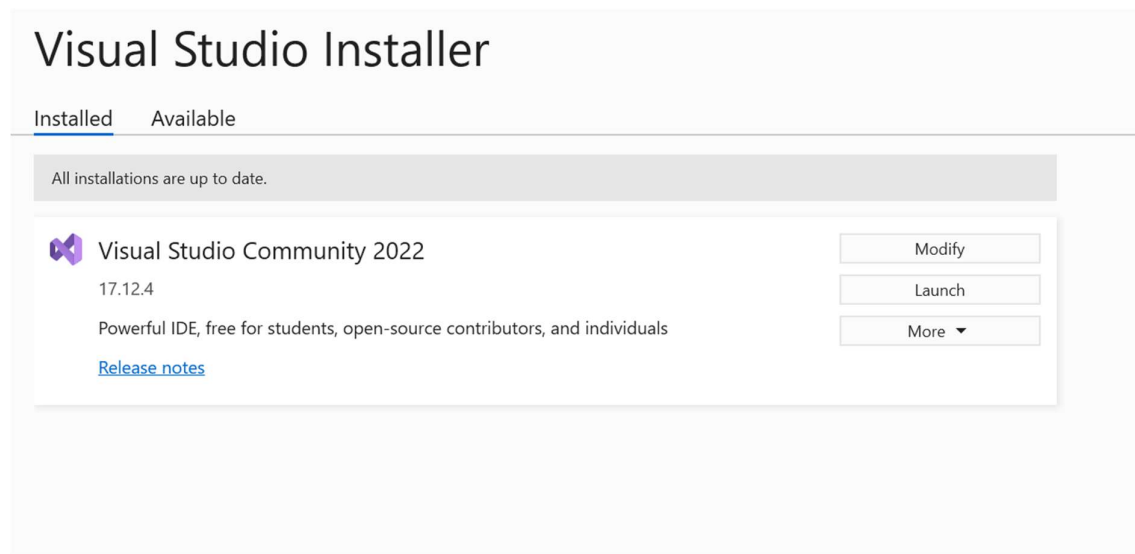
1/6: License android-googletv-license:
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Terms and Conditions

This is the Google TV Add-on for the Android Software Development Kit License Agreement.

1. Introduction

1.1 The Google TV Add-on for the Android Software Development Kit (referred to in this License Agreement as the "Add-on") is licensed to you specifically including the Android system files, packaged APIs, and Google APIs add-ons) is licensed
```

Installed Visual Studio



Successful Running of flutter doctor command

```
C:\Users\HOME\spandan>flutter doctor
Doctor summary (to see all details, run flutter doctor -v):
[✓] Flutter (Channel stable, 3.27.3, on Microsoft Windows [Version 10.0.22631.4751], locale en-IN)
[✓] Windows Version (Installed version of Windows is version 10 or higher)
[✓] Android toolchain - develop for Android devices (Android SDK version 35.0.1)
[✓] Chrome - develop for the web
[✓] Visual Studio - develop Windows apps (Visual Studio Community 2022 17.12.4)
[✓] Android Studio (version 2024.2)
[✓] VS Code (version 1.96.2)
[✓] Connected device (3 available)
[✓] Network resources

• No issues found!
```

