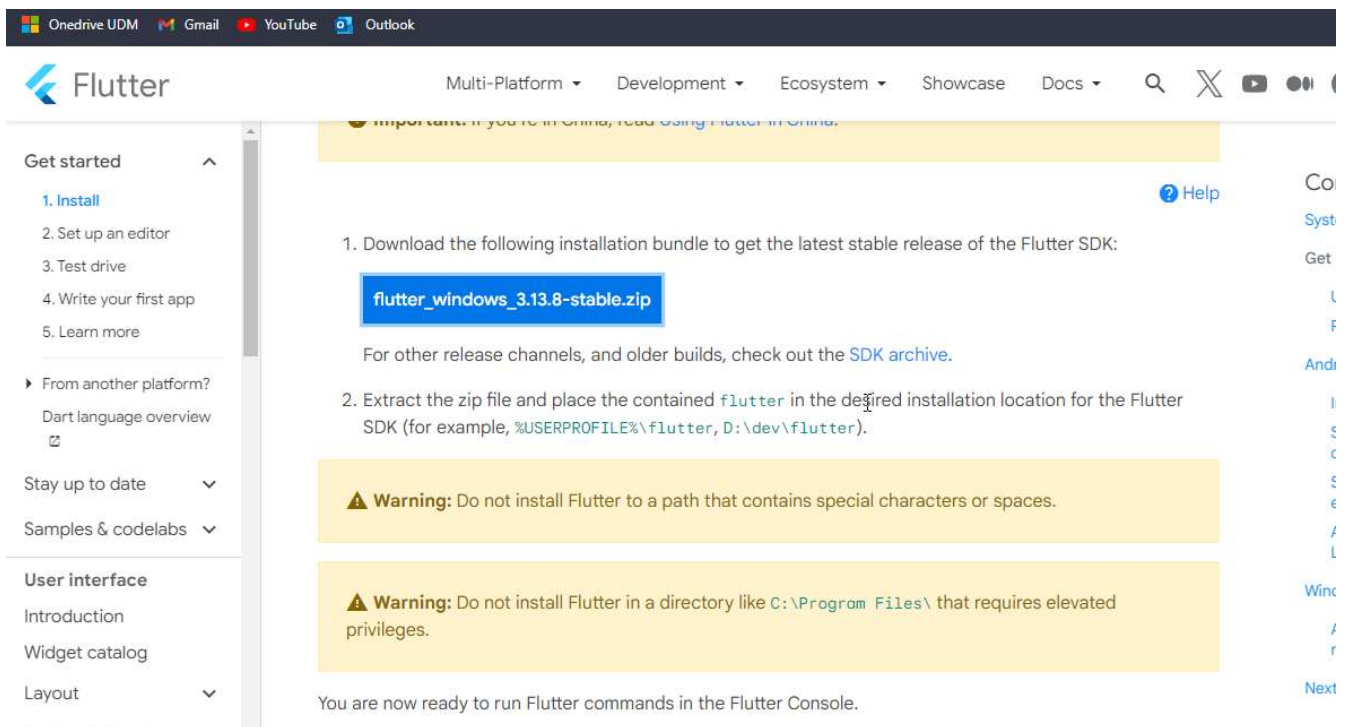


Student Name: Jotee Chavishka
Lecturer: Mr Beeharri Shiam
Module: PMH
INFO 3

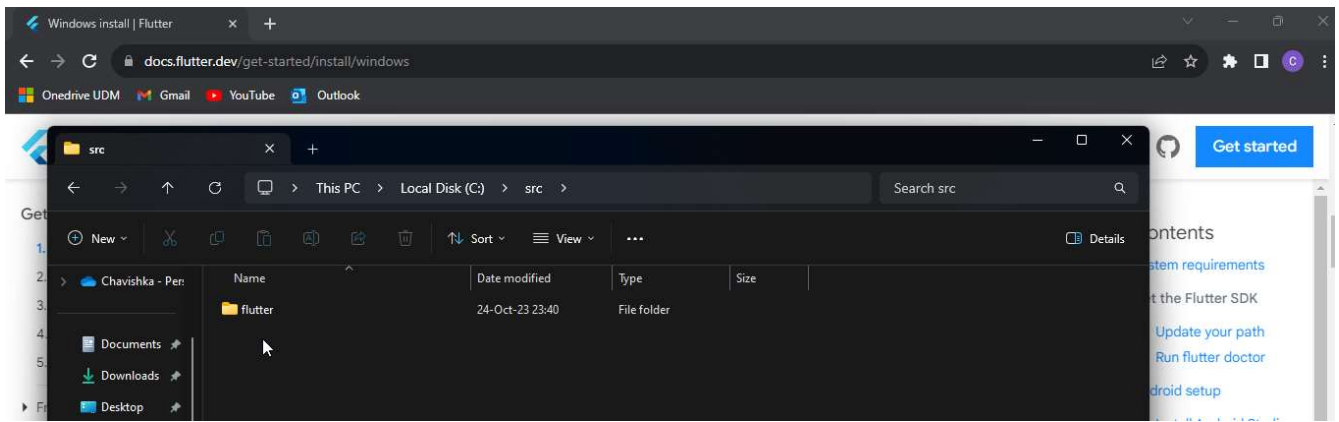
Practical – Codelabs

Task1 – Installations

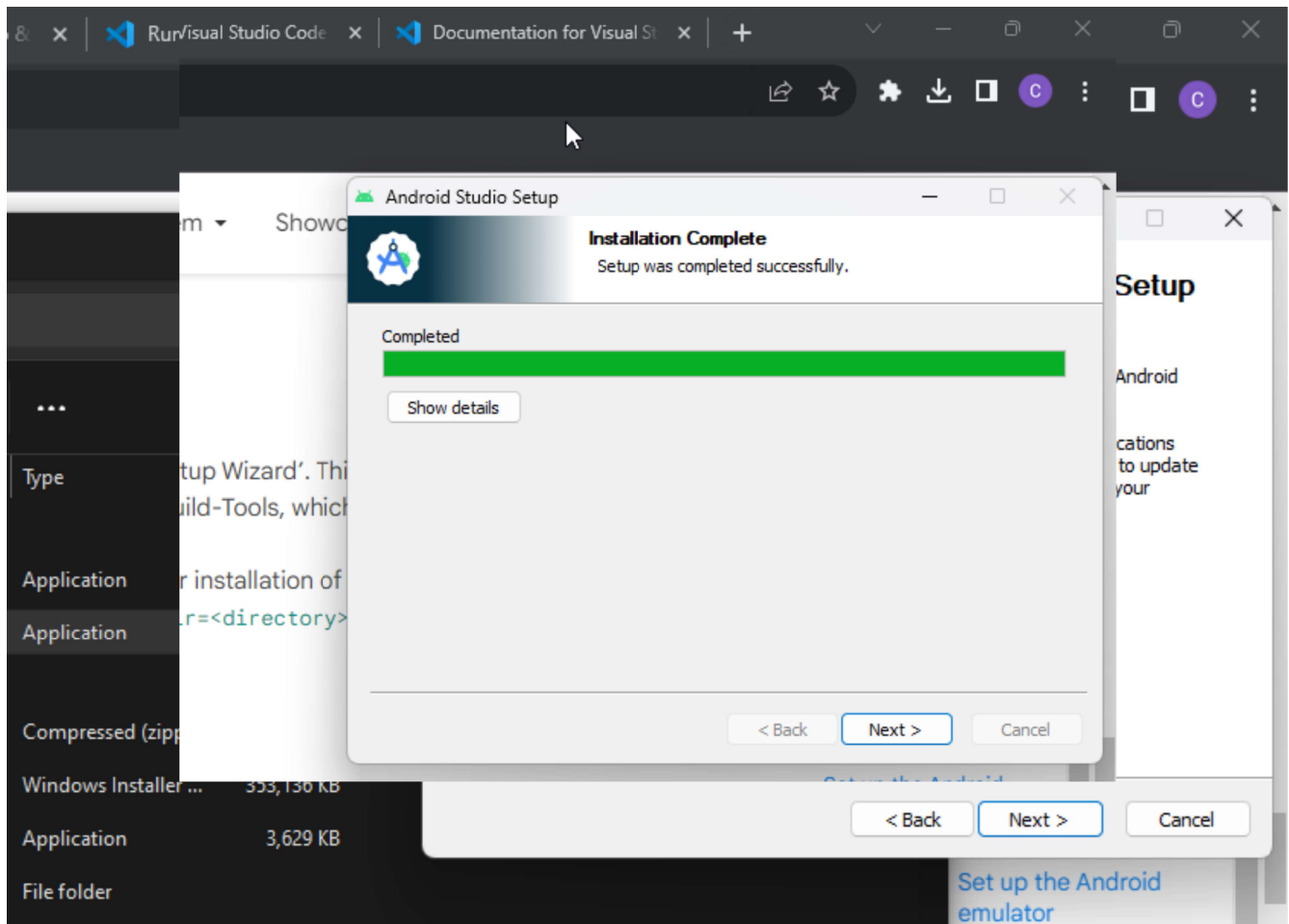
For this specific task, the latest stable Flutter SDK from the official Flutter website as shown in the screenshot below.



The Flutter SDK is then extracted to a directory like `C:\src\flutter`, and its `bin` directory is added to the system `PATH`.



The Android Studio is then installed with the necessary components such as Android Virtual Device. The Android Studio is also configured by selecting Android SDK components in the SDK Manager.



The installations are further verified by running 'flutter doctor' in order to resolve any reported issues.

```
Command Prompt - Flutter d x
See Google's privacy policy:
https://policies.google.com/privacy

Flutter (Channel stable, 3.13.8, on Microsoft Windows [Version 10.0.22621.2428], locale en-US)
  Flutter version 3.13.8 on channel stable at C:\src\Flutter
  Upstream repository https://github.com/flutter/flutter.git
  Framework revision 6c99284ac (6 days ago), 2023-10-18 10:57:55 -0500
  Engine revision 767d8c75e8
  Dart version 3.1.4
  DevTools version 2.25.0

Windows Version (Installed version of Windows is version 10 or higher)

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/docs/get-started/install/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.

Chrome - develop for the web
  Chrome at C:\Program Files\Google\Chrome\Application\chrome.exe

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 (not installed)
  X Android Studio not found; download from https://developer.android.com/studio/index.html
  (or visit https://flutter.dev/docs/get-started/install/windows#android-setup for detailed instructions).

Connected device (3 available)
  Windows (desktop) • windows-x64 • Microsoft Windows [Version 10.0.22621.2428]
  Chrome (web) • chrome • web-javascript • Google Chrome 118.0.5993.89
  Edge (web) • edge • web-javascript • Microsoft Edge 118.0.2288.61

Network resources
  All expected network resources are available.


Doctor found issues in 3 categories.
The Flutter CLI developer tool uses Google Analytics to report usage and diagnostic data
along with package dependencies, and crash reporting to send basic crash reports.
This data is used to help improve the Dart platform, Flutter framework, and related tools.
Telemetry is not sent on the very first run.
To disable reporting of telemetry, run this terminal command:
flutter --disable-telemetry.
```

Visual
Studio
Code is
then




downloaded and installed and then Flutter and Dart extensions are added.

Visual Studio | Marketplace

Visual Studio Code > Programming Languages > Flutter



Flutter

Dart Code  dartcode.org |  7,070,114 installs |  (77) | Free

Flutter support and debugger for Visual Studio Code.

[Install](#) [Trouble Installing?](#)

[Overview](#) [Version History](#) [Q & A](#) [Rating & Review](#)

Introduction

Categori

editor

Outlook

File Edit Selection View Go Run ...

Extension: Flutter - Visual Studio Code


SEARCH

Search

Replace




You have not opened or specified a folder. Only open files are currently searched - [Open Folder](#)

Extension: Flutter



Flutter

v3.74.0

Dart Code  dartcode.org |  7,064,388 | 

Flutter support and debugger for Visual Studio Code.

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This extension is enabled globally.

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The Visual Studio Code setup is then validated.

