# Flutter installation for Windows

Full instructions: https://flutter.dev/docs/get-started/install/windows

1) Download the Flutter SDK from here.
2) Unzip the file and save it somewhere. <mark>Don't move/rename it later.</mark>
3) From the Start search bar, type "env" and select "Edit environment variables for your account".
4) Open the Flutter SDK and search for a folder called *'bin'*. Copy the path of this folder. This can be done by opening the folder, clicking the path at the top, and clicking *'copy address as text'*.  If you are still stuck, click here.
5) Under User variables, click on the entry called "Path". Click 'new' and paste the address. *(On older windows versions, you may have to add a semicolon to the path variable and paste the address)*
6) Open CMD by typing it in Windows search
7) Type "flutter" in CMD, then press Enter. If it does not display any error, continue to step 6. Else repeat from step 3.
8) Install Android Studio (required)
   a) Optional: install VS Code if your laptop is slow (you still need Android Studio installed though)
9) Install Flutter and Dart plugins for Android Studio or VS Code (whichever you're using)
10) Open Powershell/CMD and paste `flutter doctor --android-licenses`
11) Press Y for everything
12) Connecting your Android phone:
   a) Enable USB debugging in Android settings (Google it)
   b) Connect your phone and type `flutter devices`
   c) Grant permissions in the popup on your phone
13) If you don't have an Android phone, use the Android Emulator from AVD settings in Android Studio.

14) If you use Windows + iPhone and want to run your app on that...well, you can't. Apple ain't gonna let you compile Google's SDK from Microsoft's OS onto Apple's phone. Just use the Android Emulator or buy a Mac.

15) Now type `flutter doctor`, it shouldn't give any errors.

16) If there are some errors, please read the error message and use https://www.google.com/.

If you are still facing issues, you can use the online Flutter compiler called DartPad, although it's not very good: https://dartpad.dartlang.org/