Contents

1. Kivy GUI Framework

Kivy GUI Framework (Python) Installation and use guide

https://kivy.org/doc/stable/gettingstarted/installation.html#install-pip

For Desktop: https://likegeeks.com/kivy-tutorial/

For Mobile: https://realpython.com/mobile-app-kivy-python/

After the installation, open cmd as administrator:

-To open Kivy Virtual Environment:

kivy_venv\Scripts\activate

-To open Kivy samples code:

python kivy_venv\share\kivy-examples\demo\showcase\main.py

2. Failed to create JVM in Android Studio

1. Add JDK and JRE to system variables

2. Go to C:\Users\%USERNAME%\AppData\Roaming\Google\{studio version}

3. Delete VMOptions

3. Tweaks for Android Studio

https://stackoverflow.com/questions/30817871/android-studio-is-slow-how-to-speed-up

https://developer.android.com/studio/intro/studio-config

I.

1. Go to Settings -> Build, Execution, Deployment -> Compiler

2. Check the "Compile independent modules in parallel"

3. Add the command in "Command-line Options:"

--offline

II.

1. Go to Help -> Edit VM Options

2. Put the following:

-Xms1024m

-Xmx4096m # <------ increase this to most of your RAM

-XX:MaxPermSize=1024m

-XX:ReservedCodeCacheSize=440m

-XX:+UseCompressedOops

-XX:-HeapDumpOnOutOfMemoryError

-Dfile.encoding=UTF-8

III.

1. Search "gradle.properties"

2. Add the following lines:

org.gradle.daemon=true

org.gradle.parallel=true

IV.

1. Go to File > Settings > Editor > File Types

2. In the field of "Ignore files and folders" add the line:

Thumbs.db;

3. Enable Power Saver Mode (File -> Power Saver Mode)

4. How to Install WSL2 & Ubuntu Linux GUI (XFCE Desktop)

Please watch the tutorial here: https://www.youtube.com/watch?v=8SuERIEJJUA