Lab 2

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MODE 4201

Tool Name	Android Studio 3.5
Platform	Android
App dev type	Native and cross platform android apps Advantages: fast deployment, better app indexing Disadvantages: runs in background and overheats phones
Website	https://developer.android.com/studio
Developers	JetBrains
Release date	June 2014
License	freeware
Price	Free
Programming languages	Java, Go, XML, C++, C
Features	Phone emulator, android wear
Debugger	Yes, available in app
Built in emulator	AVD, android virtual device
Host machine requirements	Microsoft Windows 7/8/10 (32-bit or 64-bit) 3 GB RAM minimum, 8 GB RAM recommended (plus 1 GB for the Android Emulator) 2 GB of available disk space minimum, 4 GB recommended (500 MB for IDE plus 1.5 GB for Android SDK and emulator system image) 1280 x 800 minimum screen resolution.
Integrated development environment	Contains built in IDE
Software to be installed before creating apps	Java Development Kit (**JDK**), Android SDK
Advantages	Advantages: fast deployment, better app indexing
Disadvantages	Disadvantages: runs in background and overheats phones
Language availability	Multiple available except for use in IDE
Uploading and selling an app	25$ fee
Third-party emulator	Can be used, examples include blueStacks, Xamarin, VS emulator for android and more
Market share	Android studio has market share of 12.8%
Number of Apps available	Can work with all of the countless android apps available
Number of downloads	N/A
size	971 to 1036 MB[3]
OS compatibility	available for download on Windows, macOS and Linux

References

Android Studio release notes :   Android Developers. (n.d.). Retrieved from

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Meet Android Studio :   Android Developers. (n.d.). Retrieved from

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