

ASSIGNMENT - 05.

PROBLEM DEFINITION

Download & configure android studio on Linux/Windows platform.

OBJECTIVE :-

To learn android studio installation and configuration.
To learn & develop android application.

OUTCOMES :-

One will be able to configure Android Studio.

THEORY :-

Android Studio is the official integrated development environment (IDE) for google's android operating system built on JetBrains, IntelliJ & IDEA software and designed, specifically for android development.

It is available for download on Windows, Mac OS and Linux based systems.

Features of Android Studio.

1. Creative UI env with GUI tools.
2. Really powerful tool to create android appln.

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3. Gradle align which enables generation of '.apk' files.
 4. In built emulator for testing.
 5. Easy development on play store.

Life cycle of Android app :-

The life cycle of an app consists of seven main methods :-

1. **Create** :- This method is called when the activity is first created.
2. **onStart** : This is called when the activity becomes visible to the user.
3. **onResume** : This is called when the activity interacts with the user.
4. **onPause** : This is called when activity is not visible to user.
5. **onStop** :- This is called when the activity is no longer visible.
6. **onRestart** :- This is called when the activity is stopped & restarted later.
7. **onDestroy** :- This is called when the activity is to be closed or destroyed.

CONCLUSION

Thus we were able to configure & install android studio to develop app.