



## Assignment - 01

myCOMPANION

43304

\* Aim → Android development environment → installing and setting up in the environment.

\* Problem Statement →

- ① Android development environment
- ② Installing and setting up the environment
- ③ 'Hello World' application
- ④ Running the emulation
- ⑤ Inserting debug messages

\* Theory →

A. Android Studio :

- ① It is Google's IDE for android apps. It gives you an advanced code editor and a set of templates.
- ② To get up and running with Android Studio.

B. Installing Android Studio and Running the Hello World program :

- ① Navigate to Android Studio website and follow the instructions to download and install it.
- ② Click on start 'New Project'. Give your application name, such as 'Hello World'.
- ③ Verify project location and directory.
- ④ Click on AVD manager and select virtual device.
- ⑤ Click on run and install, to install the app on the device.

C. Creating a Virtual device :

- ① In order to run an emulator, you have to create a configuration that describes the virtual device.
- ② Click the AVD manager in toolbar, and click on create virtual device.
- ③ Select a device and click next.
- ④ On the system image screen, select a suitable version and verify your configuration.
- ⑤ Click 'Finish'.





D. Adding log statements :

① Open 'Android Monitor'.

② The default log level is verbose. Change it to debug.

\* Conclusion → Thus in this assignment, we've learnt about the basics of android studio and ~~complemen~~ completed the setup process.