

Assignment 1

Title - Android development environment installing and setting up environment

Problem Statement - Android Studio ~~stg~~ installation setting up the environment, hello world application running the emulator

Objective

- 1) Install, use Android IDE
- 2) Understand development process
- 3) Create an android project

Theory

Android Studio

It is Google's IDE for android apps, it gives you an advance code editor & set of app templates

Installing android studio

- 1) Navigate to the Android Developer website and follow instructions then download android studio
- 2) Start installing it through file which we downloaded from website

3) Accept default configuration for all steps.

Creating Running Hello World App

1) Create a new Android Project

Select a project template → select phone & tablet → empty activity → next → set name to "Hello World" → package name → save location → In language select 'java' → leave 'min API level' → Finish.

2) Setup Emulator

* Tools → android → AVD manager

* create virtual device → in category, choose "phone" → verify config → finish

3) Run App

Run → "run app" → "under available vp" select AVD created earlier → OK.

Conclusion -

In this statement, I learnt how to install android Studio & implement Hello World App.