Mobile Computing

Learning Unit 1
1.0 Get Started

MOAATH ALRAJAB

Get Started

- Software?
  - Kotlin
  - Git
  - Android Studio

- GitHub

- Creating and running "Hello World" Android app

Java

- Check that you have JDK 8 or later

If no Java JDK is installed on your machine then download from:

http://www.oracle.com/technetwork/java/javase/downloads/

Select the right package for your operating system, accept the license agreement, download, and then install.

Go to your terminal and type:

Java –version

This shows you the current installed Java.

Git

If you don't have Git installed already on your machine then download and install from
https://git-scm.com/downloads

Configure git, in your terminal, configure Git to recognize you:

git config user.name "First Last"

git config --global user.email "email@example.com"

Android Studio

Download and install Android Studio from:
https://developer.android.com/studio/

After installation go to:

Preferences (Settings on Win)/ Android SDK

Select api 28 and 30, and from SDK tools check Intel HAXM and Support Repo.

GitHub

If you don't have a GitHub account then signup for one.
http://github.com

Link your account to Android Studio
Preferences/version control/git

Demo

Hello World App.