

Mobile Computing and Android



What is Android?

- Android is a (mobile) operating system developed by Google
- It is based on the Linux kernel
- It uses Kotlin and Java as its main development languages

How do you create Android applications?

- You write applications for Android using the SDK which is built in Java
 - Writing Android applications require knowledge of Kotlin and/or Java and an understanding of Object Oriented Development principles
 - There is also an NDK that allows you to write applications in C
 - Many parties are constantly exploring extending Android's available development languages
- Java's SDK is essentially a **framework** that packages the main facets of an Android application
 - You create apps by tying together and extending various components of the framework

The Android OS

