COS 470 - MOBILE DEVELOPMENT

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INTRODUCTION



COS 470 MOBILE DEVELOPMENT

CORE OS

- Linux (64 bit)
 - Each app is a different user
 - Processes run in virtual machines
- JVM and View System (UI)
- Resource, Notification, and Activity Managers
- Content Providers (contacts, etc.)





















14 ANDROID STUDIO DEMO 1 - THE BASICS Task List Sample Android Studio 3.0.1 (latest) Java (not Kotlin... yet) Android Simulator (no phone needed) Controller and View 14

TEXT

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ANDROID STUDIO DEMO 1 – THE BASICS

- Start a new project, java-based,
- phone and tablet show choice and target %
- API 19 KitKat (90%)
- Basic Activity (with floating action button)
- Rename TaskListActivity
- Explore Android Studio interface
- Compile and run...
 - Create new virtual device, configure API level and image
 - Choose a <u>recommended one</u> with Google API's







6-Android Basics.key - February 21, 2018

ANDROID STUDIO DEMO 1 – THE CLICK ACTIVITY

- IstView.setOnItemClickListener() to anonymous inner class
 - Create intent to TaskDetailActivity
 - putExtra the object details to send
 - startActivity(intent)
- Create a new activity TaskDetailActivity from EmptyActivity
 - get extras
 - display



