**CS 193A Winter 2019 Lecture Videos**

Marty is recording his lectures from his laptop. Please note: These are low-quality screen recordings and the audio is very poor. We do not recommend trying to use these videos as a substitute for coming to class. See below for videos from previous quarters for all lectures.

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* [**Lecture 01:** Course introduction and first app](https://youtu.be/iBBOUzGS8QU)
* [**Lecture 02:** Layout](https://youtu.be/JZZwHXN-mf0)
* [**Lecture 03:** Widgets; Lists](https://youtu.be/OJ-RoC-DNyA)
* [**Lecture 04:** More Lists; Files and Storage](https://youtu.be/C4cPUfhDVsk)
* [**Lecture 05:** Multiple Activities and Intents](https://youtu.be/SHlniMW5ocw)
* [**Lecture 06:** Activity Lifecycle](https://youtu.be/_vDWf7mNsNo)
* [**Lecture 07:** Fragments](https://youtu.be/RVdVw5gJzkE)
* [**Lecture 08:** Dynamic UIs; Dialogs; MediaPlayer](https://youtu.be/Xt0qtKL3oLA)
* [**Lecture 09:** Libraries](https://youtu.be/TOxeyUYF_Z0)
* [**Lecture 10:** RESTful web APIs](https://youtu.be/rSz-MqMbpiU)
* [**Lecture 11:** Local Databases and SQL](https://youtu.be/XGFWTV_pj-A)
* [**Lecture 12:** Firebase and Remote Databases](https://youtu.be/Aj8QotC4or0)
* [**Lecture 13:** 2D Graphics](https://youtu.be/dnl7Q19O6T0)
* [**Lecture 14:** Games](https://youtu.be/g_v_TTq_CJM)
* **Lecture 15:** Localization (no video will be posted for this lecture. Sorry! See below for previous quarters.)
* [**Lecture 16:** Services and Notifications](https://youtu.be/HAxMM1pnmms)
* [**Lecture 17:** More Services; User Login](https://youtu.be/ztEHaVhHhAM)
* [**Lecture 18:** Maps, Location, and GPS](https://youtu.be/_YCSfM9e_JM)
* [**Lecture 19:** React Native](https://youtu.be/T03OHWviUO4)