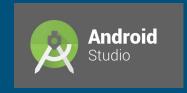


### **Shift Calendar**

Shifting time and tasks to help you get stuff done





Planning

- Java
- Android Operating System and Software Development Kit (SDK)
- Gradle
- Markdown
- eXtensible Markup Language (XML)
- Android Studio
- IntelliJ platform





### Progress

🔛 Apps M Gmail 🖪 YouTube 💡 Maps 🖼 Yahoo Mail 🥼 Translate 🔘 GitHub 🛅 Articles 🗻 Internet Speed Te..

Q di - RY OY D Self is 297 (Cardherer S Detail (mar)

■ Android Development for E \*\* X +

← → C m youtube.com/watch?v=fis26HvvDII

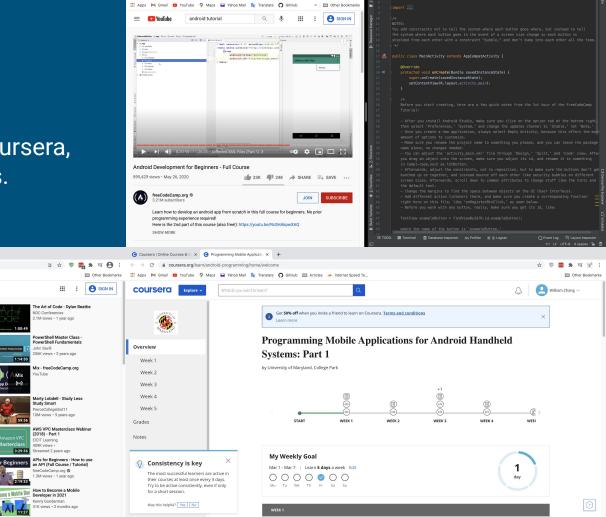
Common Attention or N 1960, J. F. III Ev Iv

7:12:15v+11:36:26 · Layouts >

895,429 views · May 26, 2020

Android Development for Beginners - Full Course

Learning process using Coursera, FreeCodeCamp, and books.



 Android Development for Begin X + ← → C m youtube.com/watch?v=fis26HvvDII

NDC Conferences

John Savill

YouTube

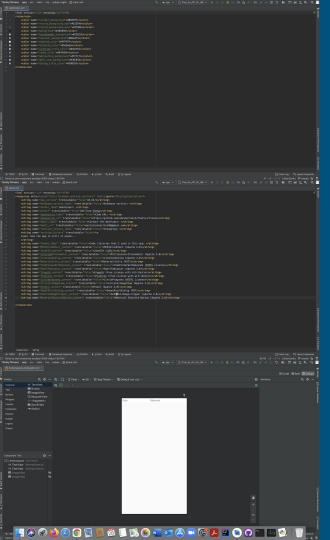
(2018) - Part 1

EICIT Learning 409K views ·

• 🧬 🖪 🗆 []

1 23K 4 248 → SHARE =+ SAVE ...

Registration ) 🔨 📠 app 🔻 🖫 Pixel\_3a\_APL30\_x86 🔻 🕨 🐧 🗒 🦚 😘 🙃 🙉 🗎 🐚 🖻 🥳 🖫 🍳 📮 🐧 🔾 🛄



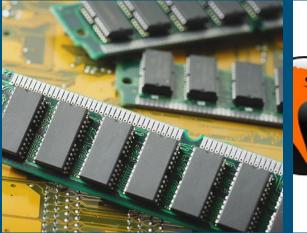
### Designing

- XML problems and difficulties.
- Material Design
- Android Studio "drag and drop" interface
- Database creation using SQLite

## Problems and Solutions

- Learning to use SQL
- Difference/conflicts between planning and implementation.
- Software bugs.







# Additional Problems and Difficulties.

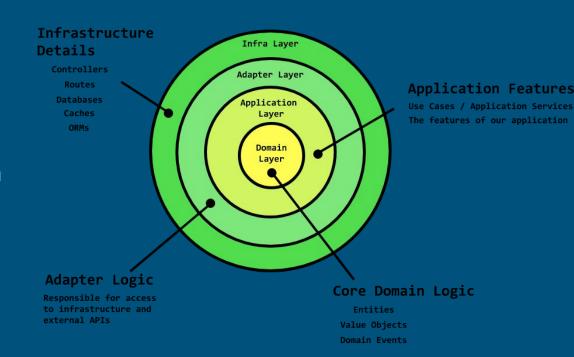




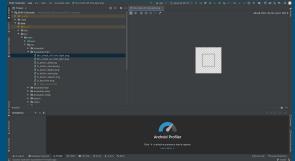
- Confusing API and documentation.
- External dependencies and code libraries (Gradle fails?)
- Software bugs/Git issues

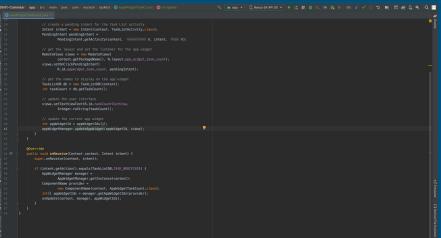
### Backend Application Logic

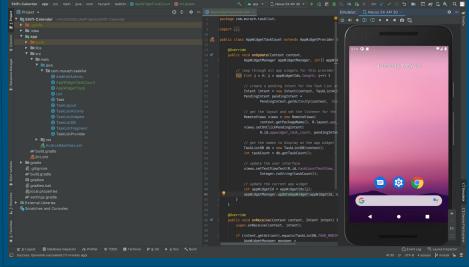
- Interactive User Interface
- SQL server
- Google Calendar API
- Display certain messages under detected events from the user.
- XML framework ("skeleton" for the app)

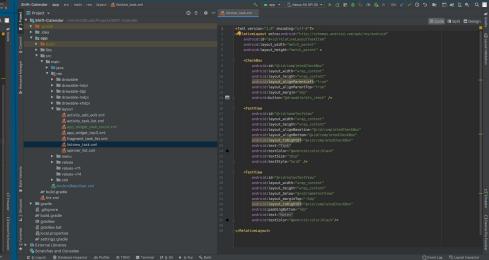


### Progress





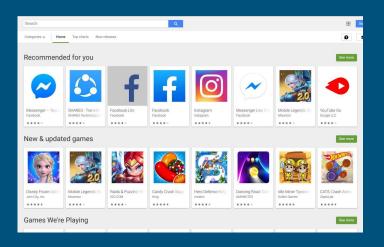




### Packaging the Final Product

- Host project website on GitHub pages, and apply for the Google Play Store
- https://www.github.com/Anksharskarp/Shift-Calendar
- https://play.google.com/store?hl=en\_US&ql=US





#### Reflections



- Problem solving/difficulties and strategies to overcome the issues.
- "Creating as you learn" is a process.
- Inquiry-based learning is the most efficient process of acquiring new knowledge (a useful discovery that I made during my passion project).
- Anticipate what you will need; don't get it while you are already in the process of the creating the product.
- Research, watch, read, and most importantly, apply!