

應用軟體實習

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**Instructions**

Kotlin語言

1. 實作Lab12 (Chapter 14 API)

2. 實作Chapter 15 Cloud Messaging

利用Firebase實作簡易的推撥系統

https://firebase.google.com/docs/cloud-messaging

**Process**

Comparison

Gradle

Only one of them is the same. If I did not have the book written by the teacher, I would not have known how to change to Kotlin’s version.

Data

The part of Data was directly translated and it did not require to be modified.

MainActivity

This part needs to be modified the most. Add some "?" Therefore, that he can work normally.

**Insight**

This week has been very tiring; we had to do the final project and the homework as well, so forgive me if my report is not the best this time.

I am glad that we did the final project because I can practice everything that we have learned by doing the labs and learn some new things by myself.

**GitHub:** https://github.com/106360146/KotlinHW7.git