110360129 林軒至 應用軟體實習 Lab1

(一)讀書會

組員:

110360121 廖華翊

110360129 林軒至

110360130 楊協盛

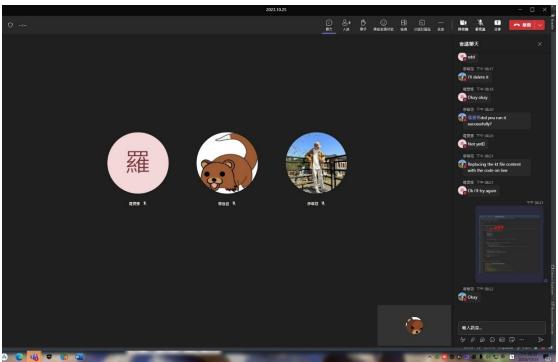
110360155 羅寶娜

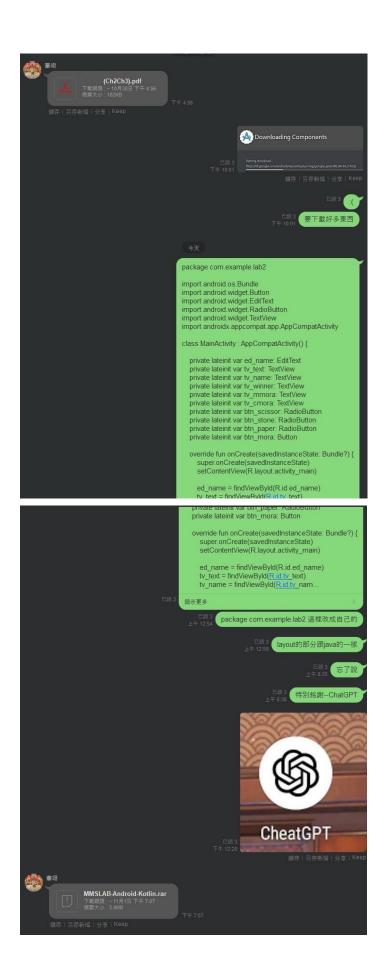
討論時間: 2023/10/25 19:30~20:30

地點:Teams 線上開會 Line 討論

開會截圖:





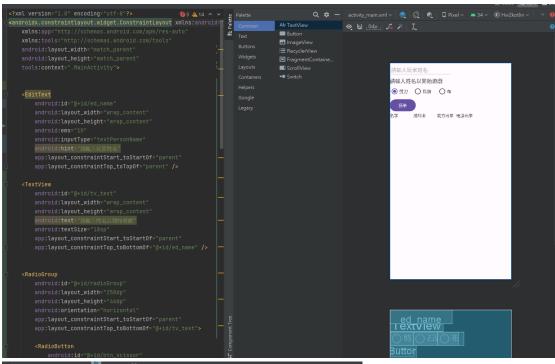


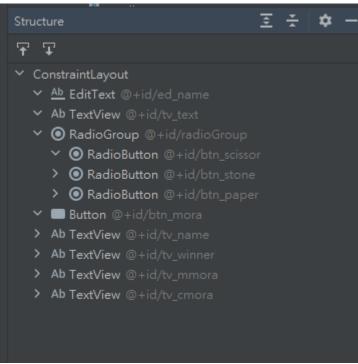
Github:

https://github.com/s098031/112-1-mmslab-java-lab02.git https://github.com/s098031/112-1-mmslab-kotlin-lab02.git

HW2:

外觀設計:



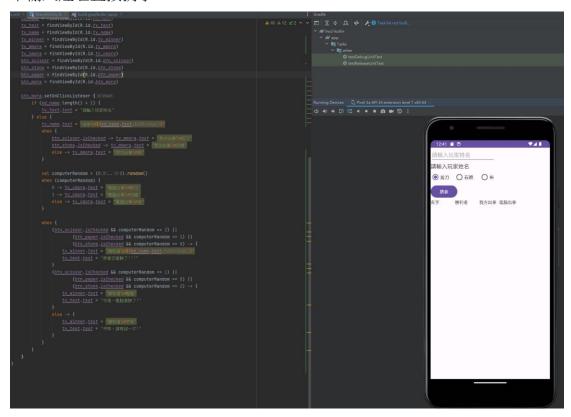


HW3:

執行畫面截圖:

```
| Section | Sect
```

不輸入姓名直接猜拳:



我方赢:

```
Billowers * Interpretation of College | Description |

Billowers * Interpretation | Description | Description |

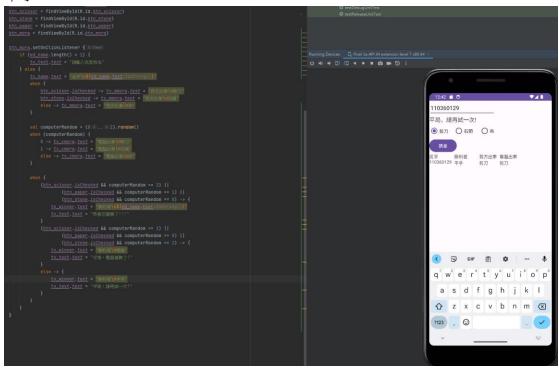
Billowers * Interpretation | Description | Description |

Billowers * Interpretation | Description | Descri
```

電腦贏:

```
### Continue form of a continue of a contin
```

平手:



JAVA 與 kotlin 兩種語法上的差異(左邊 JAVA 右邊 kotlin)

```
package com.example.lab2;

package import android.widget.EditText

import android.widget.Buton

import and
```

```
<u>tv_name</u> = findViewById(R.id.<u>tv_name</u>)
                                                                                                                                                 tv_winner = findViewById(R.id.tv_winner)
                                                                                                                                                                     <u>btn_scissor.isChecked</u> -> <u>tv_mmora.text</u> = "我方出拳\n夷对

<u>btn_stone.isChecked</u> -> <u>tv_mmora.text</u> = "我方出拳\n石頭"
                                                                                                                                                                      else -> tv_mmora.text = "我方出拳\n布
                                                                                                                                                                     n (computer kandom, )

0 -> <u>tv_cmora.text</u> = "電腦出拳\n男刀

1 -> <u>tv_cmora.text</u> = "電腦出拳\n石頭

tv_emora.text = "電腦出拳\n
                                                                                                                                                                                    (<u>btn_paper</u>.<u>isChecked</u> && computerRandom == 1) ||
                                                                                                                                                                             (<u>btn_stone_isChecked</u> && computerRandom == 0) -> {
    <u>tv_winner_text</u> = "勝利者\n${<u>ed_name_text_toString()}"</u>
    <u>tv_text_fext</u> = "恭喜您難勝了!!!"
if ((btn_scissor.isChecked() && computer_random == 2) ||
              (btn_paper.isChecked() && computer_random == 1) ||
(btn_stone.isChecked() && computer_random == 0)) {
                                                                                                                                                                                    (\underline{\text{btn\_stone}}.\underline{isChecked} && computerRandom == 2) -> {
       tv_winner.setText("薪利者\n" + ed_name.getText().toString());
tv_text.setText("恭喜您凝勝了!!!");
                                                                                                                                                                             tv_winner.text = "勝利者\n電腦"
tv_text.text = "可惜,電腦獲勝了!"
```

可以看到 kotlin 與發不需要使用;作為分行的結尾,同時也比 JAVA 更簡潔,但是代價是在特定地方閱讀性可能會變差,例如這裡:

JAVA

```
lse {
  tv_name.setText(String.format("名字\n%s", ed_name.getText().toString()));
  if (btn_scissor.isChecked()) {
  Kotlin
  else {
    tv_name.text = "名字\n${ed_name.text}.toString()}"
   when {
```

我認為 kotlin 的語法比較不直觀,打的過程會多想一下子。