110360129 林軒至 應用軟體實習 Lab1

讀書會

組員:

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討論時間: 2023/11/8 19:00~22:00

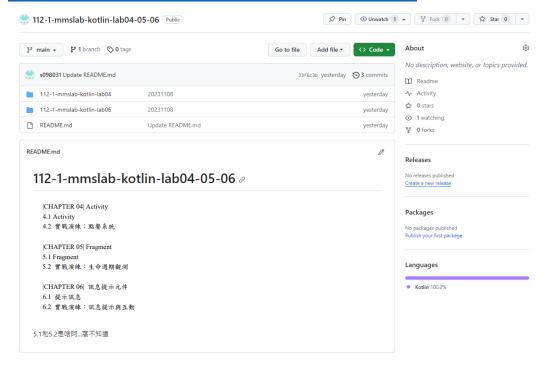
地點:Teams 線上開會 Line 討論

開會截圖:



Github:

https://github.com/s098031/112-1-mmslab-kotlin-lab04-05-06



問 ChatGPT 問題





JAVA 與 KOTLIN 語法差異(左 JAVA、右 KOTLIN)

```
| Description consultable | Manchemory | Man
```

基本上差異跟上次的猜拳程式差異差不多,主要是變數和 IF 判斷語法不太一樣 而已。

```
ass MainActivity() : AppCompatActivity() {
    private var set_drink: EditText? = null
    private var rol: RadioGroup? = null
    private var rol: RadioGroup? = null
    private var btn_send: Button? = null
    private var sugar = "無様"
    private var ice_opt = "去泳"
    override fun onCreate(savedInstanceState: Bundle?) {
private RadioGroup rg1,rg2;
                                                                                                                                               rg1.setOnCheckedChangeListener(RadioGroup.OnCheckedChangeListener { radioGroup: RadioGroup?, i: Int ->
protected void onCreate(Bundle savedInstanceState) {
     rg1 = findViewById(R.id.radioGroup);
rg1.setOnCheckedChangeListener((radioGroup, i) -> {
                                                                                                                                              rq2 = findViewById(R.id.radioGroup2)
rg2.setOnCheckedChangeListener(RadioGroup.OnCheckedChangeListener { radioGroup: RadioGroup? / i: Int ->
                                                                                                                                               btn_send.setOnClickListener(View.OnClickListener { view: View? ->
                                                                                                                                                     set_drink = findViewById(R.id.ed_drink)
val drink = set_drink.getText().toString()
                                                                                                                                                      b.putString("sugar", sugar)
b.putString("ice", ice_opt)
            String drink = set_drink.getText().toString();
Intent i = new Intent();
Bundle b = new Bundle();
            b.putString("drink", drink);
b.putString("sugar", sugar);
b.putString("ice", ice_opt);
```

點餐的頁面也是沒甚麼大改變,除了語法不同外其他都一樣的架構。

```
Button btn = findViewById(R.id.button);
                                                                                                                                                              A6 ^ v class MainActivity : AppCompatActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
                                                                                                                                                                                         btn.setOnClickListener {
                          final AlertDialog.Builder dialog = new AlertDialog.Builder( context: MainActivity.this);
                         dialog.setTitle("請選擇功能");
dialog.setMessage("根據下方按紐選擇要顯示的物件");
                                                                                                                                                                                                dialog.setTitle("請選擇功能")
dialog.setMessage("根據下方按紐選擇要顯示的物件")
                                                                                                                                                                                                ) { dialogInterface, i -> showToast() } dialog.setPositiveButton(
                                                                                                                                                                                               ) { dialogInterface, i -> showListDialog() } dialog.show()
toast.setGravity(Gravity.TOP, xOffset 0, yOttoast.setDuration(Toast.LENGTH_SHORT);
                                                                                                                                                                                         vol cist = arrayof("Hessage1", "Message2", "Message3", "Message4", "Message5")
val <u>dialog_list</u> = AlertDialog_Builder( context_this@MainActivity)
dialog_list.setTitle("使用LIST是現")
dialog_list.setItleng(
wold aniMissacrought
frinal String[] list = {"Hessage1", "Message2", "Message3", "Message4", "Message5"};
AlertDialog.Builder dialog_list = new AlertDialog.Builder(contect MainActivity.this);
            public void onClick(DialogInterface dialoginterface, int i) {
    Toast.makeText( context MainActivity.this, lext "依選得是" + list[i], Toast.LENGTH_SHORT).sho
```

可以看到在呼叫提示視窗的時候,JAVA 與 KOTLIN 有較大的差異,而且我認為 KOTLIN 比 JAVA 更好理解程式的目的且簡潔許多。

心得:

除了在最後幾的練習的矩正有點問題,剩下的幾乎都可以理解是怎麼運作的。