

Github 網址： <https://github.com/hxuchu/chapter6.git>

CHAPTER6

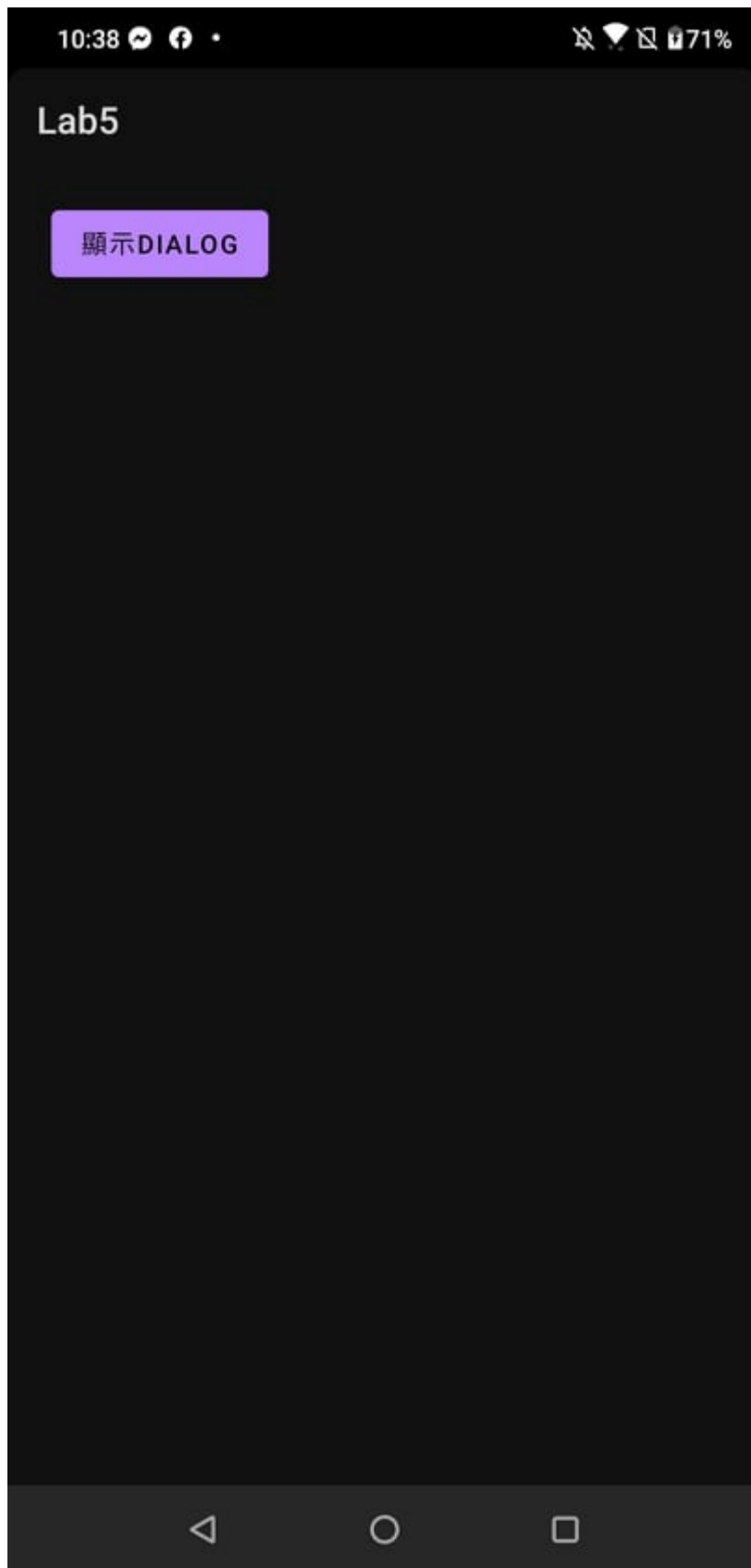
班級：電子三甲

姓名：洪旭初

學號：108650018

App 手機畫面

java



10:39

71%

Lab5

顯示DIALOG

請選擇功能

請根據下方按鈕選擇要顯示的事件

取消

自定義TOAST 顯示LIST

10:39



71%



自定義的toast

顯示DIALOG



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Lab5

顯示DIALOG

使用LIST呈現

message1

message2

message3

message4

message5

10:39



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Lab5

顯示DIALOG

你選的是message2



10:39



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Lab5

顯示DIALOG

dialog關閉



kotlin



ko

10:39

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Chapper6



自訂義toast

預設TOAST

自訂義TOAST

按鍵式ALERTDIALOG

列表式ALERTDIALOG

單選式ALERTDIALOG

Chapper6

預設TOAST

自訂義TOAST

按鍵式對話框

對話框內容

左按鈕

中按鈕

右按鈕

列表式ALERTDIALOG

單選式ALERTDIALOG

Chapper6

預設TOAST

自訂義TOAST

按鍵式ALERTDIALOG

列表式ALERTDIALOG

單選式ALERTDIALOG

中按鈕

Chapper6

預設TOAST

列表式視窗

對話框選項1

對話框選項2

對話框選項3

對話框選項4

對話框選項5

列表式ALERTDIALOG

單選式ALERTDIALOG

Chapper6

預設TOAST

自訂義TOAST

按鍵式ALERTDIALOG

列表式ALERTDIALOG

單選式ALERTDIALOG

你選的是對話框選項3

Chapper6

預設TOAST

單選式視窗

- ☒ 對話框選項1
- ☐ 對話框選項2
- ☐ 對話框選項3
- ☐ 對話框選項4
- ☐ 對話框選項5

確定

單選式ALERTDIALOG

Chapper6

預設TOAST

自訂義TOAST

按鍵式ALERTDIALOG

列表式ALERTDIALOG

單選式ALERTDIALOG

你選的是對話框選項1

按鈕設定

Java

```
btn.setOnClickListener(new View.OnClickListener(){
    @Override
    public void onClick(View view){
        final AlertDialog.Builder dialog =new AlertDialog.Builder( context: MainActivity.this);
        dialog.setTitle(" 請選擇功能");
        dialog.setMessage("請根據下方按鈕選擇要顯示的事件");

        dialog.setNeutralButton( text: "取消", new DialogInterface.OnClickListener() {
            @Override
            public void onClick(DialogInterface dialogInterface, int i) {
                Toast.makeText( context: MainActivity.this, text: "dialog關閉",Toast.LENGTH_SHORT).show();
            }
        });

        dialog.setNegativeButton( text: "自定義Toast", new DialogInterface.OnClickListener() {
            @Override
            public void onClick(DialogInterface dialogInterface, int i) { showToast(); }

        });

        dialog.setPositiveButton( text: "顯示list", new DialogInterface.OnClickListener() {
            @Override
            public void onClick(DialogInterface dialogInterface, int i) {
                showListDialog();
            }
        });
        dialog.show();
    }
});
```



```

private void showToast(){
    Toast toast = new Toast( context: MainActivity.this);
    toast.setGravity(Gravity.TOP, xOffset: 0, yOffset: 50);
    toast.setDuration	Toast.LENGTH_SHORT);
    LayoutInflater inflater = getLayoutInflater();
    View layout = inflater.inflate(R.layout.custom_toast
    ,(ViewGroup) findViewById(R.id.custom_toast_root));
    toast.setView(layout);
    toast.show();
}

private void showListDialog(){
    final String[] list ={"message1","message2","message3","message4","message5"};
    AlertDialog.Builder dialog_list = new AlertDialog.Builder( context: MainActivity.this);
    dialog_list.setTitle("使用LIST呈現");
    dialog_list.setItems(list, new DialogInterface.OnClickListener() {
        @Override
        public void onClick(DialogInterface dialogInterface, int i) {
            Toast.makeText( context: MainActivity.this
            , text: "你選的是"+list[i],Toast.LENGTH_SHORT).show();
        }
    });
    dialog_list.show();
}
}

```

Kotlin

```

val list_item = arrayOf("對話框選項1","對話框選項2","對話框選項3",
    "對話框選項4","對話框選項5")
val btn_toast = findViewById<Button>(R.id.btn_toast)
val btn_dialog1 = findViewById<Button>(R.id.btn_dialog1)
val btn_dialog2 = findViewById<Button>(R.id.btn_dialog2)
val btn_dialog3 = findViewById<Button>(R.id.btn_dialog3)
val btn_custom= findViewById<Button>(R.id.btn_custom)

```

```

40 btn_custom.setOnClickListener{ it: View!
41     val toast = Toast( context: this)
42     toast.setGravity(Gravity.TOP, xOffset: 0, yOffset: 50)
43     toast.duration = Toast.LENGTH_SHORT
44     toast.view = layoutInflater.inflate(R.layout.toast_custom, root: null)
45     toast.show()
46 }
47 btn_dialog2.setOnClickListener{ it: View!
48     AlertDialog.Builder( context: this)
49         .setTitle("列表式視窗")
50         .setItems(list_item){ dialogInterface, i ->
51             Toast.makeText( context: this, text: "你選的是"+ list_item[i],
52                             Toast.LENGTH_SHORT).show()
53         }
54     }.show()
55 }
56
57 btn_dialog3.setOnClickListener{ it: View!
58     var position = 0
59     AlertDialog.Builder( context: this)
60         .setTitle("單選式視窗")
61         .setSingleChoiceItems(list_item, checkedItem: 0){
62             dialogInterface, i->
63                 position=i
64         }
65         .setPositiveButton( text: "確定") { dialog, which->
66             Toast.makeText( context: this, text: "你選的是"+
67                             list_item[position], Toast.LENGTH_SHORT).show()
68         }.show()
69     }
70 }

```

Github

```

hxuchu@DESKTOP-GKSRT8H MINGW64 ~/AndroidStudioProjects/Chapper6 (master)
$ git init
Initialized empty Git repository in C:/Users/hxuchu/AndroidStudioProjects/Chap
r6/.git/

```

```

hxuchu@DESKTOP-GKSRT8H MINGW64 ~/AndroidStudioProjects/Chapper6 (master)
$ git add .
warning: LF will be replaced by CRLF in .gitignore.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in app/build.gradle.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in app/proguard-rules.pro.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in app/src/androidTest/java/com/example/ch
apper6/ExampleInstrumentedTest.kt.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in app/src/main/java/com/example/chapper6/M
ainActivity.kt.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in app/src/main/java/com/example/chapper6/T
oastCustomActivity.kt.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in app/src/main/res/drawable-v24/ic_launche

```



```

r_foreground.xml.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in app/src/main/res/drawable/ic_launcher_ba
ckground.xml.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in app/src/main/res/layout/activity_main.xml
.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in app/src/main/res/layout/toast_custom.xml
.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in app/src/main/res/mipmap-anydpi-v26/ic_la
uncher.xml.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in app/src/main/res/mipmap-anydpi-v26/ic_la
uncher_round.xml.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in app/src/main/res/values-night/themes.xml
.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in app/src/main/res/values/colors.xml.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in app/src/main/res/values/strings.xml.
The file will have its original line endings in your working directory
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in app/src/main/res/values/colors.xml.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in app/src/main/res/values/strings.xml.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in app/src/main/res/values/themes.xml.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in app/src/test/java/com/example/chapper6/E
xampleUnitTest.kt.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in build.gradle.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in gradle.properties.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in gradlew.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in settings.gradle.
The file will have its original line endings in your working directory

```

```

hxuchu@DESKTOP-GKSRT8H MINGW64 ~/AndroidStudioProjects/Chapper6 (master)
$ git commit -m "first"
[master (root-commit) 1760aea] first
42 files changed, 956 insertions(+)
create mode 100644 .gitignore
create mode 100644 .idea/.gitignore
create mode 100644 .idea/compiler.xml
create mode 100644 .idea/gradle.xml
create mode 100644 .idea/misc.xml
create mode 100644 .idea/vcs.xml
create mode 100644 app/.gitignore
create mode 100644 app/build.gradle
create mode 100644 app/proguard-rules.pro
create mode 100644 app/src/androidTest/java/com/example/chapper6/ExampleInstrumen
tedTest.kt
create mode 100644 app/src/main/AndroidManifest.xml
create mode 100644 app/src/main/java/com/example/chapper6/MainActivity.kt
create mode 100644 app/src/main/java/com/example/chapper6/ToastCustomActivity.kt
create mode 100644 app/src/main/res/drawable-v24/ic_launcher_foreground.xml
create mode 100644 app/src/main/res/drawable-v24/star.png
create mode 100644 app/src/main/res/drawable/ic_launcher_background.xml

```

```
create mode 100644 app/src/main/res/drawable-v24/star.png
create mode 100644 app/src/main/res/drawable/ic_launcher_background.xml
create mode 100644 app/src/main/res/layout/activity_main.xml
create mode 100644 app/src/main/res/layout/toast_custom.xml
create mode 100644 app/src/main/res/mipmap-anydpi-v26/ic_launcher.xml
create mode 100644 app/src/main/res/mipmap-anydpi-v26/ic_launcher_round.xml
create mode 100644 app/src/main/res/mipmap-hdpi/ic_launcher.webp
create mode 100644 app/src/main/res/mipmap-hdpi/ic_launcher_round.webp
create mode 100644 app/src/main/res/mipmap-mdpi/ic_launcher.webp
create mode 100644 app/src/main/res/mipmap-mdpi/ic_launcher_round.webp
create mode 100644 app/src/main/res/mipmap-xhdpi/ic_launcher.webp
create mode 100644 app/src/main/res/mipmap-xhdpi/ic_launcher_round.webp
create mode 100644 app/src/main/res/mipmap-xxhdpi/ic_launcher.webp
create mode 100644 app/src/main/res/mipmap-xxhdpi/ic_launcher_round.webp
create mode 100644 app/src/main/res/mipmap-xxxhdpi/ic_launcher.webp
create mode 100644 app/src/main/res/mipmap-xxxhdpi/ic_launcher_round.webp
create mode 100644 app/src/main/res/values-night/themes.xml
create mode 100644 app/src/main/res/values/colors.xml
create mode 100644 app/src/main/res/values/strings.xml
create mode 100644 app/src/main/res/values/themes.xml
create mode 100644 app/src/test/java/com/example/chapper6/ExampleUnitTest.kt
create mode 100644 build.gradle
create mode 100644 gradle.properties
```

```
create mode 100644 build.gradle
create mode 100644 gradle.properties
create mode 100644 gradle/wrapper/gradle-wrapper.jar
create mode 100644 gradle/wrapper/gradle-wrapper.properties
create mode 100644 gradlew
create mode 100644 gradlew.bat
create mode 100644 settings.gradle
```

```
hxuchu@DESKTOP-GKSRT8H MINGW64 ~/AndroidStudioProjects/Chapper6 (master)
$ git remote add origin https://github.com/hxuchu/chapter6.git
```

```
hxuchu@DESKTOP-GKSRT8H MINGW64 ~/AndroidStudioProjects/Chapper6 (master)
$ git push -u origin master
Enumerating objects: 75, done.
Counting objects: 100% (75/75), done.
Delta compression using up to 8 threads
Compressing objects: 100% (59/59), done.
Writing objects: 100% (75/75), 104.51 KiB | 6.53 MiB/s, done.
Total 75 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), done.
To https://github.com/hxuchu/chapter6.git
 * [new branch]      master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.
```

```
hxuchu@DESKTOP-GKSRT8H MINGW64 ~/AndroidStudioProjects/Chapper6 (master)
$
```

心得：

這次是做很多種顯示、處理訊息的 Lab，一定是之後會用到的功能，顯示視窗

選取選項，之後的期末專題可以好好的使用這個功能，由此 Lab 發現 kotlin 的

程式碼比 java 簡易許多，同樣的功能只需要一點點程式碼，相對少了很多。