# Android

### Basic UI

- ♦ TextView
- ♦ EditText
- ♦ Spinner
  - OnItemSelectedListener()
    - ◆ onItemSelected()
- ♦ RadioButtion
  - OnClick()
- ♦ Checkbox
  - onClick()
- ♦ Button
  - Pass data to another Activity 傳遞資料到其他 Activity
- ♦ viewPager
  - PageAdapter
  - addOnPageChangeListener()
  - OnTabSelectedListener()
- ♦ RecyclerView
- ♦ FAB Button
  - setOnClickListener()

### **Activity Layout**

- ♦ ConstraintLayout
- ♦ LinearLayout
- ♦ TabLayout

#### Menu

- ♦ Option Menu
  - onCreateOptionsMenu()
  - onOptionsItemSelected()
- ♦ Context Menu
  - onCreateContextMenu()
  - onContextItemSelected()
- ♦ Popup Menu
  - OnMenuItemClickListener()
  - onMenuItemClick()

#### DatePicker

- ♦ DatePickerDialog
  - OnDateSetListener()
  - onCreateDialog()
  - onDateSet()
- ♦ processDatePickerResult()

## **Navigation Drawer**

- ♦ addDrawerListener()
- ⇒ setNavigationItemSelectedListener()
- ♦ onNavigationItemSelected()

## Alert Dialog

- ♦ Builder()
- ♦ setPositiveButton()
- ♦ setNegativeButton()

### **Unit Testing**

#### Code References

- ♦ TwoActivities
- ♦ NavDrawerExperiment
- ♦ TabExperiment
- ♦ DroidCafe
- ♦ RecyclerView
- ♦ PickerForDate
- https://developer.android.com/guide/topics/ui/controls/spin
  ner

 $\diamondsuit$