```
HashTable<String, Array<String>>

Interface to global information about an application environment. This is an abstract class
whose implementation is provided by the Android system. It allows access to application-
specific resources and classes, as well as up-calls for application-level operations such as
launching activities, broadcasting and receiving intents, etc.


getApplicationContext():If you need to access resources like when accessing
SharedPreferences, displaying Toast message etc.


The "this" keyword in general sense refers to current class instance. So, when use “this”
keyword inside an Activity, it refers to that Activity instance.

you can use this.


set of checkbox options allows the user to select multiple items,
each checkbox is managed separately and you must register a click listener for each one.

2. How to handle the multiple Check box events

   Handle actions using when expression with Check box component id

3. What is CompoundButton class?
  abstract class CompoundButton extends Button implements Checkable

fun onCheckboxClicked(view: View) {
 // Logic to check is it right component
   /* if (view is CheckBox) {
        val checked: Boolean = view.isChecked*/

        when (view.id) {
            R.id.checkbox_meat -> {
                if (checked) {
                    // Put some meat on the sandwich
                } else {
                    // Remove the meat
                }
            }
            R.id.checkbox_cheese -> {
                if (checked) {
                    // Cheese me
                } else {
                    // I'm lactose intolerant
                }
            }
            // TODO: Veggie sandwich
        }
    }
}

RadioButton using When Expression

https://developer.android.com/develop/ui/views/components/radiobutton

<RadioGroup xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="vertical">
    <RadioButton android:id="@+id/radio_pirates"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
```

```
        android:text="@string/pirates"
        android:onClick="onRadioButtonClicked"/>
    <RadioButton android:id="@+id/radio_ninjas"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="@string/ninjas"
        android:onClick="onRadioButtonClicked"/>
</RadioGroup>

fun onRadioButtonClicked(view: View) {
    if (view is RadioButton) {
        // Is the button now checked?
        val checked = view.isChecked

        // Check which radio button was clicked
        when (view.getId()) {
            R.id.radio_pirates ->
                if (checked) {
                    // Pirates are the best
                }
            R.id.radio_ninjas ->
                if (checked) {
                    // Ninjas rule
                }
        }
    }
}
```

TimePicker

If you want to show AM or PM, write your logic by retrieving the current hour <12? AM : PM

init block in Kotlin class

The init block will execute immediately after the primary constructor.
Initializer blocks effectively become part of the primary constructor.