


RADIOGROUP Y RADIOBUTTON

 layout.xml

 codigo.kt

```
<RadioGroup
    android:id="@+id/rgVacaciones"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="vertical">
    <RadioButton
        android:id="@+id/rbPlaya"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Playa"
        android:checked="true"
        android:buttonTint="@color/orange"
        android:onClick="onRadioButtonClicked" />
    <RadioButton
        android:id="@+id/rbMontaña"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Montaña"
        android:onClick="onRadioButtonClicked" />
</RadioGroup>
```

```
var rgVacaciones = findViewById<View>(R.id.rgVacaciones) as RadioGroup
var rb = rgVacaciones.getChildAt( index: 1) as RadioButton
rgVacaciones.check(rb.id)


fun onRadioButtonClicked(view: View){
    if (view is RadioButton){
        var checked = view.isChecked

        when(view.id){
            R.id.rbPlaya -> {
                if (checked) Toast.makeText( context: this,
                    text: "Vamos a la playa", Toast.LENGTH_SHORT).show()
            }
            R.id.rbMontaña -> {
                if (checked) Toast.makeText( context: this,
                    text: "Vamos a la montaña", Toast.LENGTH_SHORT).show()
            }
        }
    }
}
```

```
<RadioGroup
    android:id="@+id/rgOptions"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:orientation="horizontal"
    android:checkedButton="@id/rbCar"
    android:layout_margin="10dp">
    <RadioButton
        android:id="@+id/rbCar"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:background="@drawable/rb_car_bg"
        android:button="@null" />
    <RadioButton
        android:id="@+id/rbAirplane"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:background="@drawable/rb_airplane_bg"
        android:button="@null" />
    <RadioButton
        android:id="@+id/rbTrain"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:background="@drawable/rb_train_bg"
        android:button="@null" />
</RadioGroup>
```

 rb_car_bg.xml

```
<?xml version="1.0" encoding="utf-8"?>
<selector xmlns:android="http://schemas.android.com/apk/res/android">
    <item android:drawable="@drawable/rb_car_on" android:state_checked="true" />
    <item android:drawable="@drawable/rb_car_off" android:state_checked="false" />
</selector>
```

 rb_car_on.xml

```
<?xml version="1.0" encoding="utf-8"?>
<layer-list xmlns:android="http://schemas.android.com/apk/res/android">
    <item>
        <shape android:shape="rectangle">
            <corners
                android:bottomLeftRadius="10dp"
                android:topLeftRadius="10dp" />
            <solid android:color="@color/colorOn" />
        </shape>
    </item>
    <item
        android:drawable="@drawable/ic_car"
        android:top="10dp"
```

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