Zarqa Uni. Internet Technology Android Programming Dr. Khaled Alqawasmi



XML

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"</pre>
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android: layout height="match parent"
    android:orientation="vertical"
    android:id="@+id/backGround"
    android:background="#87bff7"
    tools:context="com.example.itech_mgr.myrdiogroup.MainActivity">
    < RadioGroup
        android:id="@+id/backcolor"
        android:layout_width="match_parent"
        android:layout height="wrap content"
        android:layout margin="20dp">
        < Radio Button
            android:id="@+id/RC"
            android:layout_width="wrap_content"
            android: layout_height="wrap_content"
            android:layout_weight="1"
            android:text="red back"
            android:onClick="changecolor"/>
        <RadioButton
            android:id="@+id/GC"
            android:layout width="wrap content"
            android:layout height="wrap content"
            android:layout_weight="1"
            android:text="Rgreen back"
            android:onClick="changecolor"/>
    </RadioGroup>
    < Radio Group
```

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```
android:id="@+id/textcolor"
        android:layout width="match parent"
        android:layout height="wrap content"
        android:layout margin="20dp">
        <RadioButton
            android:id="@+id/Rtxt"
            android:layout_width="wrap_content"
            android: layout_height="wrap_content"
            android:layout weight="1"
            android:text="red text"
            android:onClick="changecolor"/>
        <RadioButton
            android:id="@+id/Gtxt"
            android:layout width="wrap content"
            android:layout_height="wrap_content"
            android:layout weight="1"
            android:text="green text"
            android:onClick="changecolor"/>
    </RadioGroup>
    <TextView
        android:id="@+id/mytxt"
        android:layout width="144dp"
        android:layout height="wrap content"
        android:layout_marginLeft="50dp"
        android:text="COlOR APP"
        android:textAlignment="center"
        android:textSize="20sp"
        android:padding="10dp"
        android:textStyle="bold" />
</LinearLayout>
package com.example.itech mgr.myrdiogroup;
import android.graphics.Color;
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.LinearLayout;
import android.widget.RadioButton;
import android.widget.RadioGroup;
import android.widget.TextView;
import android.widget.Toast;
public class MainActivity extends AppCompatActivity {
    LinearLayout back;
   RadioGroup rg back, rg txt;
   RadioButton Bcbut, Tcbut;
   TextView app;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity main);
        rg_back = (RadioGroup) findViewById(R.id.backcolor);
```

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```
rg txt = (RadioGroup) findViewById(R.id.textcolor);
    app = (TextView) findViewById(R.id.mytxt);
}
public void changecolor(View v) {
    int bk = rg_back.getCheckedRadioButtonId();
    Bcbut = (RadioButton) findViewById(bk);
   back = (LinearLayout) findViewById(R.id.backGround);
    if (Bcbut != null) {
       if (Bcbut.getId() == R.id.RC) {
            back.setBackgroundColor(Color.RED);
        } else if (Bcbut.getId() == R.id.GC) {
            back.setBackgroundColor(Color.GREEN);
        }
   int tt = rg_txt.getCheckedRadioButtonId();
   Tcbut = (RadioButton) findViewById(tt);
    if (Tcbut != null) {
        if (Tcbut.getId() == R.id.Rtxt) {
            app.setTextColor(Color.RED);
        else if(Tcbut.getId() == R.id.Gtxt)
            app.setTextColor(Color.GREEN);
    }
}
```