```xml
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    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/LinearLayout"
    android:background="#e6b4b4"
    tools:context="com.example.itech_mgr.myapplication.Main4Activity">
```

```xml
<RadioGroup
    android:layout_margin="20dp"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:id="@+id/Group1"
   android:orientation="horizontal">

    <RadioButton
        android:id="@+id/reddd"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_weight="1"
        android:text="red"
        android:textColor="#fff"
        android:onClick="show"
        />

    <RadioButton
        android:id="@+id/greennn"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_weight="1"
        android:text="green"
        android:textColor="#fff"
        android:onClick="show"/>
</RadioGroup>
</LinearLayout>
```

JAVA

```java
package com.example.itech_mgr.myapplication;

import android.graphics.Color;
import android.support.annotation.ColorInt;
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.Toast;

import static android.graphics.Color.*;

public class Main4Activity extends AppCompatActivity {
    public LinearLayout me;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main4);



        //final RadioButton radio_red = (RadioButton)
findViewById(R.id.reddd);
        //final RadioButton radio_yellow = (RadioButton)
findViewById(R.id.greennn);


    }
    public void show(View view) {
```

```java
// Is the button now checked?
boolean checked = ((RadioButton) view).isChecked();
LinearLayout me=(LinearLayout)findViewById(R.id.LinearLayout);
// Check which radio button was clicked
switch(view.getId()) {
    case R.id.reddd:
        if (checked)
            // Pirates are the best
            Toast.makeText(this, "red", Toast.LENGTH_SHORT).show();
        me.setBackgroundColor(Color.RED);

         break;
    case R.id.greennn:
        if (checked)
            // Ninjas rule
            Toast.makeText(this,"green",Toast.LENGTH_LONG).show();
        me.setBackgroundColor(Color.GREEN);
            break;
}
    }


}
```