Xml Code: <?xml version="1.0" encoding="utf-8"?> </RadioGroup> <RelativeLayout xmlns:android="http://schemas.android.com/apk/res/ </RelativeLayout> android" Java Code: xmlns:tools="http://schemas.android.com/tools" android:layout width="match parent" package com.example.practical no7radiobutton; android:layout height="match parent" android:background="@drawable/img_2" import android.os.Bundle; tools:context=".MainActivity"> import android.view.View; import android.widget.RadioButton; <TextView import android.widget.RadioGroup; android:id="@+id/textView" import android.widget.Toast; android:layout width="wrap content" android:layout_height="wrap_content" import androidx.appcompat.app.AppCompatActivity; android:text="Choose Below To Get Information About It" public class MainActivity extends AppCompatActivity { android:textSize="18sp" android:textStyle="bold" RadioGroup radioGroup; android:textColor="@android:color/black" android:layout marginTop="20dp" @Override android:layout_centerHorizontal="true"/> protected void onCreate(Bundle savedInstanceState) { <RadioGroup super.onCreate(savedInstanceState); android:id="@+id/radioGroup" setContentView(R.layout.activity_main); android:layout width="wrap content" android:layout_height="wrap_content" radioGroup = findViewById(R.id.radioGroup); android:layout_below="@id/textView" android:layout_marginTop="20dp" radioGroup.setOnCheckedChangeListener(new android:layout_centerHorizontal="true"> RadioGroup.OnCheckedChangeListener() { @Override < Radio Button public void onCheckedChanged(RadioGroup android:id="@+id/radioButtonAndroid" group, int checkedId) { android:layout_width="wrap_content" RadioButton radioButton = android:layout_height="wrap_content" findViewById(checkedId); android:text="Android Programming" String language = android:textStyle="bold"/> radioButton.getText().toString(); displayInformation(language); < Radio Button } android:id="@+id/radioButtonJava" **})**; android:layout_width="wrap_content" } android:layout height="wrap content" android:text="Java Programming" private void displayInformation(String language) { android:textStyle="bold"/> String information = ""; switch (language) { <RadioButton case "Android Programming": android:id="@+id/radioButtonPython" information = "Android is a mobile operating android:layout width="wrap content" system developed by Google. "+ android:layout_height="wrap_content" "It is based on a modified version of the android:text="Python Programming" Linux kernel and "+ android:textStyle="bold"/> "other open source software.";

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```
level and general-purpose "+
        break;
      case "Java Programming":
                                                                          "programming language. Python's design
        information = "Java is a high-level, class-
                                                             philosophy emphasizes "+
based, object-oriented "+
                                                                          "code readability with its notable use of
                                                             significant indentation.";
             "programming language that is designed
to have as few "+
                                                                     break;
             "implementation dependencies as
possible.";
                                                                 Toast.makeText(getApplicationContext(),
                                                             information, Toast.LENGTH_LONG).show();
        break;
      case "Python Programming":
        information = "Python is an interpreted, high-
```

Output:



