

.xml file

<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 tools:context=".MainActivity">  
  
 <LinearLayout  
 android:layout\_width="fill\_parent"  
 android:layout\_height="wrap\_content"  
 android:background="#e0e0e0"  
 android:orientation="vertical">  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Select your favourite food :: "  
 android:textColor="#000"  
 android:textSize="20sp"  
 android:textStyle="bold" />  
  
 <RadioGroup  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content">  
  
 <RadioButton  
 android:id="@+id/Dosa"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="20dp"  
 android:layout\_marginTop="10dp"  
 android:checked="true"  
 android:text="@string/Dosa"  
 android:textColor="#154"  
 android:textSize="20sp"  
 android:textStyle="bold" />  
  
 <RadioButton  
 android:id="@+id/idly"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="20dp"  
 android:layout\_marginTop="10dp"  
 android:checked="false"  
 android:text="@string/idly"  
 android:textColor="#154"  
 android:textSize="20sp"  
 android:textStyle="bold" />  
  
 <RadioButton  
 android:id="@+id/upma"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="20dp"  
 android:layout\_marginTop="10dp"  
 android:checked="false"  
 android:text="@string/upma"  
 android:textColor="#154"  
 android:textSize="20sp"  
 android:textStyle="bold" />  
  
 <RadioButton  
 android:id="@+id/palakpaneer"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="20dp"  
 android:layout\_marginTop="10dp"  
 android:checked="false"  
 android:text="@string/palakpaneer"  
 android:textColor="#154"  
 android:textSize="20sp"  
 android:textStyle="bold" />  
  
  
 <RadioButton  
 android:id="@+id/roti"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="20dp"  
 android:layout\_marginTop="10dp"  
 android:checked="false"  
 android:text="@string/roti"  
 android:textColor="#154"  
 android:textSize="20sp"  
 android:textStyle="bold" />  
  
 </RadioGroup>  
  
 <Button  
 android:id="@+id/submitButton"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center"  
 android:layout\_margin="20dp"  
 android:background="#0f0"  
 android:padding="10dp"  
 android:text="Submit"  
 android:textColor="#fff"  
 android:textSize="20sp"  
 android:textStyle="bold" />  
 </LinearLayout>

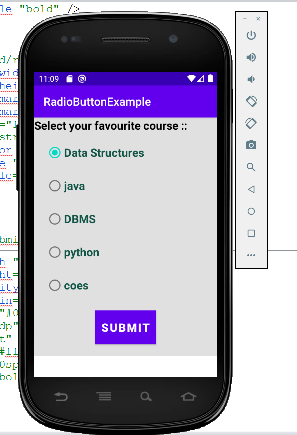
.java file

package com.example.radiobutton;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.RadioButton;  
import android.widget.Toast;  
  
public class MainActivity extends AppCompatActivity {  
  
 RadioButton Dosa, idly, upma, palakpaneer, roti;  
 String selectedfood;  
 Button submit;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 Dosa = (RadioButton) findViewById(R.id.*Dosa*);  
 idly = (RadioButton) findViewById(R.id.*idly*);  
 upma = (RadioButton) findViewById(R.id.*upma*);  
 palakpaneer = (RadioButton) findViewById(R.id.*palakpaneer*);  
 roti = (RadioButton) findViewById(R.id.*roti*);  
 submit = (Button) findViewById(R.id.*submitButton*);  
 submit.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 if (Dosa.isChecked()) {  
 selectedfood = Dosa.getText().toString();  
 } else if (idly.isChecked()) {  
 selectedfood = idly.getText().toString();  
 } else if (upma.isChecked()) {  
 selectedfood = upma.getText().toString();  
 } else if (palakpaneer.isChecked()) {  
 selectedfood = palakpaneer.getText().toString();  
 } else if (roti.isChecked()) {  
 selectedfood = roti.getText().toString();  
 }  
 Toast.*makeText*(getApplicationContext(), selectedfood, Toast.*LENGTH\_LONG*).show(); *// print the value of selected super star* }  
 });  
 }  
}

strings.xml

<resources>  
 <string name="app\_name">RadioButtonExample</string>  
 <string name="hello\_world">Hello world!</string>  
 <string name="action\_settings">Settings</string>  
 <string name="Dosa">Dosa</string>  
 <string name="idly">idly</string>  
 <string name="upma">upma</string>  
 <string name="palakpaneer">palakpaneer</string>  
 <string name="roti">roti</string>  
</resources>

Example 2

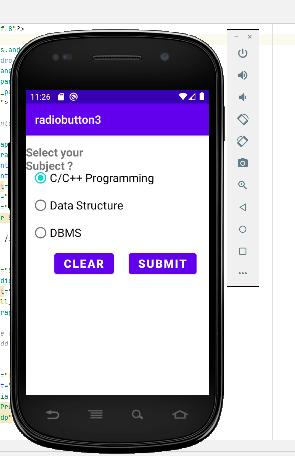


<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
xmlns:tools="http://schemas.android.com/tools"  
android:layout\_width="match\_parent"  
android:layout\_height="match\_parent"  
android:orientation="vertical"  
tools:context=".MainActivity">  
  
<LinearLayout  
 android:layout\_width="fill\_parent"  
 android:layout\_height="wrap\_content"  
 android:background="#e0e0e0"  
 android:orientation="vertical">  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Select your favourite course :: "  
 android:textColor="#000"  
 android:textSize="20sp"  
 android:textStyle="bold" />  
  
 <RadioGroup  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content">  
  
 <RadioButton  
 android:id="@+id/ds"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="20dp"  
 android:layout\_marginTop="10dp"  
 android:checked="true"  
 android:text="@string/Datastructures"  
 android:textColor="#154"  
 android:textSize="20sp"  
 android:textStyle="bold" />  
  
 <RadioButton  
 android:id="@+id/oops"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="20dp"  
 android:layout\_marginTop="10dp"  
 android:checked="false"  
 android:text="@string/oops"  
 android:textColor="#154"  
 android:textSize="20sp"  
 android:textStyle="bold" />  
  
 <RadioButton  
 android:id="@+id/dbms"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="20dp"  
 android:layout\_marginTop="10dp"  
 android:checked="false"  
 android:text="@string/dbms"  
 android:textColor="#154"  
 android:textSize="20sp"  
 android:textStyle="bold" />  
  
 <RadioButton  
 android:id="@+id/programming"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="20dp"  
 android:layout\_marginTop="10dp"  
 android:checked="false"  
 android:text="@string/Programming"  
 android:textColor="#154"  
 android:textSize="20sp"  
 android:textStyle="bold" />  
  
  
 <RadioButton  
 android:id="@+id/co"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="20dp"  
 android:layout\_marginTop="10dp"  
 android:checked="false"  
 android:text="@string/co"  
 android:textColor="#154"  
 android:textSize="20sp"  
 android:textStyle="bold" />  
  
 </RadioGroup>  
  
 <Button  
 android:id="@+id/submitButton"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center"  
 android:layout\_margin="20dp"  
 android:background="#0f0"  
 android:padding="10dp"  
 android:text="Submit"  
 android:textColor="#fff"  
 android:textSize="20sp"  
 android:textStyle="bold" />  
</LinearLayout>  
</LinearLayout>

package com.example.radiobutton;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.RadioButton;  
import android.widget.Toast;  
  
public class MainActivity extends AppCompatActivity {  
  
  
 RadioButton ds,oops,dbms,programming,co;  
 String selectedcourse;  
 Button submit;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 ds = (RadioButton) findViewById(R.id.*ds*);  
 oops = (RadioButton) findViewById(R.id.*oops*);  
 dbms = (RadioButton) findViewById(R.id.*dbms*);  
 programming = (RadioButton) findViewById(R.id.*programming*);  
 co = (RadioButton) findViewById(R.id.*co*);  
 submit = (Button) findViewById(R.id.*submitButton*);  
 submit.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 if (ds.isChecked()) {  
 selectedcourse = ds.getText().toString();  
 } else if (oops.isChecked()) {  
 selectedcourse = oops.getText().toString();  
 } else if (dbms.isChecked()) {  
 selectedcourse = dbms.getText().toString();  
 } else if (programming.isChecked()) {  
 selectedcourse = programming.getText().toString();  
 } else if (co.isChecked()) {  
 selectedcourse = co.getText().toString();  
 }  
 Toast.*makeText*(getApplicationContext(), selectedcourse, Toast.*LENGTH\_LONG*).show(); *// print the value of selected super star* }  
 });  
 }  
}

<resources>  
 <string name="app\_name">RadioButtonExample</string>  
 <string name="hello\_world">Hello world!</string>  
 <string name="action\_settings">Settings</string>  
 <string name="Datastructures">Data Structures</string>  
 <string name="oops">java</string>  
 <string name="dbms">DBMS</string>  
 <string name="Programming">python</string>  
 <string name="co">coes</string>  
</resources>

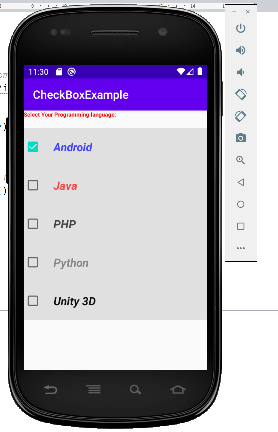
Example 3



*<?*xml version="1.0" encoding="utf-8"*?>*<RelativeLayout  
 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"  
 tools:context=".MainActivity">  
  
 *<!-- add RadioGroup which contain the many RadioButton-->* <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentTop="true"  
 android:layout\_alignParentEnd="true"  
 android:layout\_marginLeft="10dp"  
 android:layout\_marginTop="15dp"  
 android:layout\_marginEnd="209dp"  
 android:text="Select your Subject ?"  
 android:textSize="20dp"  
 android:textStyle="bold" />  
  
 <RadioGroup  
 android:layout\_marginTop="50dp"  
 android:id="@+id/groupradio"  
 android:layout\_marginLeft="10dp"  
 android:layout\_width="fill\_parent"  
 android:layout\_height="wrap\_content">  
  
 *<!-- In RadioGroup create the 1 Radio Button-->  
 <!-- like this we will add some more Radio Button-->* <RadioButton  
 android:layout\_width="fill\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/radia\_id2"  
 android:text="C/C++ Programming"  
 android:textSize="20dp"/>  
  
 <RadioButton  
 android:layout\_width="fill\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/radia\_id3"  
 android:text="Data Structure"  
 android:textSize="20dp"/>  
  
 <RadioButton  
 android:id="@+id/radia\_id1"  
 android:layout\_width="fill\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="DBMS"  
 android:textSize="20dp" />  
  
 <RadioButton  
 android:id="@+id/radia\_id4"  
 android:layout\_width="fill\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Algorithms"  
 android:textSize="20dp" />  
  
 </RadioGroup>  
  
 *<!-- add button For Submit the Selected item-->  
  
 <!-- add clear button for clear the selected item-->* <Button  
 android:id="@+id/submit"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_centerVertical="true"  
 android:layout\_marginLeft="180dp"  
 android:layout\_marginTop="200dp"  
 android:text="Submit"  
 android:textSize="20dp"  
 android:textStyle="bold" />  
  
 <Button  
 android:id="@+id/clear"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_centerVertical="true"  
 android:layout\_marginLeft="20dp"  
 android:layout\_marginTop="200dp"  
 android:text="Clear"  
 android:textSize="20dp"  
 android:textStyle="bold" />  
  
</RelativeLayout>

package com.example.radiobutton3;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.RadioButton;  
import android.widget.RadioGroup;  
import android.widget.Toast;  
  
public class MainActivity extends AppCompatActivity {  
  
 *// Define the object for Radio Group,  
 // Submit and Clear buttons* private RadioGroup radioGroup;  
 Button submit, clear;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState)  
 {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
  
 *// Bind the components to their respective objects  
 // by assigning their IDs  
 // with the help of findViewById() method* submit = (Button)findViewById(R.id.*submit*);  
 clear = (Button)findViewById(R.id.*clear*);  
 radioGroup = (RadioGroup)findViewById(R.id.*groupradio*);  
  
 *// Uncheck or reset the radio buttons initially* radioGroup.clearCheck();  
  
 *// Add the Listener to the RadioGroup* radioGroup.setOnCheckedChangeListener(  
 new RadioGroup  
 .OnCheckedChangeListener() {  
 @Override  
  
 *// The flow will come here when  
 // any of the radio buttons in the radioGroup  
 // has been clicked  
  
 // Check which radio button has been clicked* public void onCheckedChanged(RadioGroup group,  
 int checkedId)  
 {  
  
 *// Get the selected Radio Button* RadioButton  
 radioButton  
 = (RadioButton)group  
 .findViewById(checkedId);  
 }  
 });  
  
 *// Add the Listener to the Submit Button* submit.setOnClickListener(new View.OnClickListener() {  
  
 @Override  
 public void onClick(View v)  
 {  
  
 *// When submit button is clicked,  
 // Ge the Radio Button which is set  
 // If no Radio Button is set, -1 will be returned* int selectedId = radioGroup.getCheckedRadioButtonId();  
 if (selectedId == -1) {  
 Toast.*makeText*(MainActivity.this,  
 "No answer has been selected",  
 Toast.*LENGTH\_SHORT*)  
 .show();  
 }  
 else {  
  
 RadioButton radioButton  
 = (RadioButton)radioGroup  
 .findViewById(selectedId);  
  
 *// Now display the value of selected item  
 // by the Toast message* Toast.*makeText*(MainActivity.this,  
 radioButton.getText(),  
 Toast.*LENGTH\_SHORT*)  
 .show();  
 }  
 }  
 });  
  
 *// Add the Listener to the Submit Button* clear.setOnClickListener(new View.OnClickListener() {  
  
 @Override  
 public void onClick(View v)  
 {  
  
 *// Clear RadioGroup  
 // i.e. reset all the Radio Buttons* radioGroup.clearCheck();  
 }  
 });  
 }  
}

Check box example



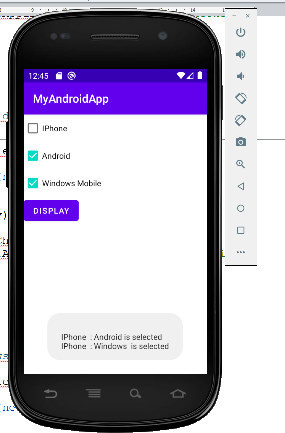
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".MainActivity">  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Select Your Programming language: "  
 android:textColor="#f00"  
 android:textSize="15px"  
 android:textStyle="bold" />  
  
 <LinearLayout  
 android:id="@+id/linearLayout"  
 android:layout\_width="fill\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="30dp"  
 android:background="#e0e0e0"  
 android:orientation="vertical">  
  
 <CheckBox  
 android:id="@+id/androidCheckBox"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_centerHorizontal="true"  
 android:checked="false"  
 android:padding="20dp"  
 android:text="@string/android"  
 android:textColor="#44f"  
 android:textSize="20sp"  
 android:textStyle="bold|italic" />  
  
 <CheckBox  
 android:id="@+id/javaCheckBox"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_centerHorizontal="true"  
 android:checked="false"  
 android:padding="20dp"  
 android:text="@string/java"  
 android:textColor="#f44"  
 android:textSize="20sp"  
 android:textStyle="bold|italic" />  
  
 <CheckBox  
 android:id="@+id/phpCheckBox"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_centerHorizontal="true"  
 android:checked="false"  
 android:padding="20dp"  
 android:text="@string/php"  
 android:textColor="#444"  
 android:textSize="20sp"  
 android:textStyle="bold|italic" />  
  
 <CheckBox  
 android:id="@+id/pythonCheckBox"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_centerHorizontal="true"  
 android:checked="false"  
 android:padding="20dp"  
 android:text="@string/python"  
 android:textColor="#888"  
 android:textSize="20sp"  
 android:textStyle="bold|italic" />  
  
 <CheckBox  
 android:id="@+id/unityCheckBox"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_centerHorizontal="true"  
 android:checked="false"  
 android:padding="20dp"  
 android:text="@string/unity"  
 android:textColor="#101010"  
 android:textSize="20sp"  
 android:textStyle="bold|italic" />  
 </LinearLayout>  
  
</RelativeLayout>

<resources>  
 *<!-- Base application theme. -->* <style name="AppTheme" parent="Theme.AppCompat.Light.DarkActionBar">  
 *<!-- Customize your theme here. -->* <item name="colorPrimary">@color/colorPrimary</item>  
 <item name="colorPrimaryDark">@color/colorPrimaryDark</item>  
 <item name="colorAccent">@color/colorAccent</item>  
 </style>  
  
</resources>

package com.example.checkbox;  
import androidx.appcompat.app.AppCompatActivity;  
import android.os.Bundle;  
import android.graphics.Color;  
import android.view.View;  
import android.widget.CheckBox;  
import android.widget.Toast;  
  
public class MainActivity extends AppCompatActivity implements View.OnClickListener {  
  
 CheckBox android, java, python, php, unity3D;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 *// initiate views* android = (CheckBox) findViewById(R.id.*androidCheckBox*);  
 android.setOnClickListener(this);  
 java = (CheckBox) findViewById(R.id.*javaCheckBox*);  
 java.setOnClickListener(this);  
 python = (CheckBox) findViewById(R.id.*pythonCheckBox*);  
 python.setOnClickListener(this);  
 php = (CheckBox) findViewById(R.id.*phpCheckBox*);  
 php.setOnClickListener(this);  
 unity3D = (CheckBox) findViewById(R.id.*unityCheckBox*);  
 unity3D.setOnClickListener(this);  
 }  
  
 @Override  
 public void onClick(View view) {  
  
 switch (view.getId()) {  
 case R.id.*androidCheckBox*:  
 if (android.isChecked())  
 Toast.*makeText*(getApplicationContext(), "Android", Toast.*LENGTH\_LONG*).show();  
 break;  
 case R.id.*javaCheckBox*:  
 if (java.isChecked())  
 Toast.*makeText*(getApplicationContext(), "Java", Toast.*LENGTH\_LONG*).show();  
 break;  
 case R.id.*phpCheckBox*:  
 if (php.isChecked())  
 Toast.*makeText*(getApplicationContext(), "PHP", Toast.*LENGTH\_LONG*).show();  
 break;  
 case R.id.*pythonCheckBox*:  
 if (python.isChecked())  
 Toast.*makeText*(getApplicationContext(), "Python", Toast.*LENGTH\_LONG*).show();  
 break;  
 case R.id.*unityCheckBox*:  
 if (unity3D.isChecked())  
 Toast.*makeText*(getApplicationContext(), "Unity 3D", Toast.*LENGTH\_LONG*).show();  
 break;  
 }  
 }  
}

<resources>  
<string name="app\_name">CheckBoxExample</string>  
<string name="hello\_world">Hello world!</string>  
<string name="action\_settings">Settings</string>  
<string name="android">Android</string>  
<string name="java">Java</string>  
<string name="php">PHP</string>  
<string name="python" >Python</string>  
<string name="unity">Unity 3D</string>  
 </resources>

Example checkbox 2



*<?*xml version="1.0" encoding="utf-8"*?>*<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="fill\_parent"  
 android:layout\_height="fill\_parent"  
 android:orientation="vertical" >  
  
 <CheckBox  
 android:id="@+id/chkIos"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="@string/chk\_ios" />  
  
 <CheckBox  
 android:id="@+id/chkAndroid"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="@string/chk\_android"  
 android:checked="true" />  
  
 <CheckBox  
 android:id="@+id/chkWindows"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="@string/chk\_windows" />  
  
 <Button  
 android:id="@+id/btnDisplay"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="@string/btn\_display" />  
  
</LinearLayout>

*<?*xml version="1.0" encoding="utf-8"*?>*<resources>  
<string name="hello">Hello World, MyAndroidAppActivity!</string>  
<string name="app\_name">MyAndroidApp</string>  
<string name="chk\_ios">IPhone</string>  
<string name="chk\_android">Android</string>  
<string name="chk\_windows">Windows Mobile</string>  
<string name="btn\_display">Display</string>  
</resources>

package com.example.checkbox2;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.CheckBox;  
import android.widget.Toast;  
  
public class MainActivity extends AppCompatActivity {  
  
 private CheckBox chkIos, chkAndroid, chkWindows;  
 private Button btnDisplay;  
  
 @Override  
 public void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
  
 addListenerOnChkIos();  
 addListenerOnChkAndroid();  
 addListenerOnChkWindows();  
 addListenerOnButton();  
 }  
  
 public void addListenerOnChkIos() {  
  
 chkIos = (CheckBox) findViewById(R.id.*chkIos*);  
  
 chkIos.setOnClickListener(new View.OnClickListener() {  
  
 @Override  
 public void onClick(View v) {  
 *//is chkIos checked?* if (((CheckBox) v).isChecked()) {  
 Toast.*makeText*(getApplicationContext(), "ios checked", Toast.*LENGTH\_LONG*).show();  
 }  
  
 }  
 });  
  
 }  
 public void addListenerOnChkAndroid() {  
  
 chkAndroid = (CheckBox) findViewById(R.id.*chkAndroid*);  
  
 chkAndroid.setOnClickListener(new View.OnClickListener() {  
  
 @Override  
 public void onClick(View v) {  
 *//is chkIos checked?* if (((CheckBox) v).isChecked()) {  
 Toast.*makeText*(getApplicationContext(), " Android is checked", Toast.*LENGTH\_LONG*).show();  
 }  
  
 }  
 });  
  
 }  
 public void addListenerOnChkWindows() {  
  
 chkWindows = (CheckBox) findViewById(R.id.*chkWindows*);  
  
 chkWindows.setOnClickListener(new View.OnClickListener() {  
  
 @Override  
 public void onClick(View v) {  
 *//is chkIos checked?* if (((CheckBox) v).isChecked()) {  
 Toast.*makeText*(getApplicationContext(), " Windows is checked", Toast.*LENGTH\_LONG*).show();  
 }  
  
 }  
 });  
  
 }  
 public void addListenerOnButton() {  
  
 chkIos = (CheckBox) findViewById(R.id.*chkIos*);  
 chkAndroid = (CheckBox) findViewById(R.id.*chkAndroid*);  
 chkWindows = (CheckBox) findViewById(R.id.*chkWindows*);  
 btnDisplay = (Button) findViewById(R.id.*btnDisplay*);  
  
 btnDisplay.setOnClickListener(new View.OnClickListener() {  
  
 *//Run when button is clicked* @Override  
 public void onClick(View v) {  
  
 StringBuffer result = new StringBuffer();  
 if (chkIos.isChecked()) {  
 result.append("IPhone : ").append("IOS is selected");  
 }  
 if (chkAndroid.isChecked()) {  
 result.append("\nIPhone : ").append("Android is selected");  
 }  
 if (chkWindows.isChecked()) {  
 result.append("\nIPhone : ").append("Windows is selected");  
 }  
 Toast.*makeText*(getApplicationContext(), result.toString(), Toast.*LENGTH\_LONG*).show();  
  
 }  
 });  
  
 }  
}

Date Picker

<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".MainActivity">  
  
 <DatePicker  
 android:id="@+id/simpleDatePicker"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:background="#00BCD4"  
 android:datePickerMode="spinner" />  
  
 <Button  
 android:id="@+id/submitButton"  
 android:layout\_width="200dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/simpleDatePicker"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginTop="50dp"  
 android:background="#150"  
 android:text="SUBMIT"  
 android:textColor="#fff"  
 android:textSize="20sp"  
 android:textStyle="bold" />  
</RelativeLayout>

package com.example.datepicker;  
import androidx.appcompat.app.AppCompatActivity;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.DatePicker;  
import android.widget.Button;  
import android.widget.Toast;  
  
public class MainActivity extends AppCompatActivity {  
  
 DatePicker simpleDatePicker;  
 Button submit;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 *// initiate the date picker and a button* simpleDatePicker = (DatePicker) findViewById(R.id.*simpleDatePicker*);  
 submit = (Button) findViewById(R.id.*submitButton*);  
 *// perform click event on submit button* submit.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 *// get the values for day of month , month and year from a date picker* String day = "Day = " + simpleDatePicker.getDayOfMonth();  
 String month = "Month = " + (simpleDatePicker.getMonth() + 1);  
 String year = "Year = " + simpleDatePicker.getYear();  
 *// display the values by using a toast* Toast.*makeText*(getApplicationContext(), day + "\n" + month + "\n" + year, Toast.*LENGTH\_LONG*).show();  
 }  
 });  
  
 }  
  
  
}

<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".MainActivity">  
  
 <EditText  
 android:id="@+id/date"  
 android:layout\_width="200dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_centerHorizontal="true"  
 android:background="#d4d4d4"  
 android:hint="Select Date..."  
 android:padding="15dp"  
 android:textColor="#897"  
 android:textColorHint="#090"  
 android:textSize="20sp"  
 android:textStyle="bold" />  
  
</RelativeLayout>

package com.example.datepicker;  
import androidx.appcompat.app.AppCompatActivity;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.DatePicker;  
import android.widget.Button;  
import android.widget.Toast;  
  
public class MainActivity extends AppCompatActivity {  
  
 DatePicker simpleDatePicker;  
 Button submit;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 *// initiate the date picker and a button* simpleDatePicker = (DatePicker) findViewById(R.id.*simpleDatePicker*);  
 submit = (Button) findViewById(R.id.*submitButton*);  
 *// perform click event on submit button* submit.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 *// get the values for day of month , month and year from a date picker* String day = "Day = " + simpleDatePicker.getDayOfMonth();  
 String month = "Month = " + (simpleDatePicker.getMonth() + 1);  
 String year = "Year = " + simpleDatePicker.getYear();  
 *// display the values by using a toast* Toast.*makeText*(getApplicationContext(), day + "\n" + month + "\n" + year, Toast.*LENGTH\_LONG*).show();  
 }  
 });  
  
 }  
  
  
}

<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".MainActivity">  
  
 <TimePicker  
 android:id="@+id/simpleTimePicker"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginTop="50dp"  
 android:background="#090"  
 android:padding="20dp"  
 android:timePickerMode="spinner" />  
  
 <TextView  
 android:id="@+id/time"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_centerHorizontal="true"  
 android:text="Time Is ::"  
 android:textColor="#090"  
 android:textSize="20sp"  
 android:textStyle="bold" />  
  
</RelativeLayout>

package com.example.timepicker;  
import androidx.appcompat.app.AppCompatActivity;  
import android.os.Bundle;  
import android.app.TimePickerDialog;  
import android.graphics.Color;  
import android.widget.TextView;  
import android.widget.TimePicker;  
import android.widget.Toast;  
  
import org.w3c.dom.Text;  
  
import java.util.Calendar;  
  
public class MainActivity extends AppCompatActivity {  
  
 TextView time;  
 TimePicker simpleTimePicker;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 *// initiate the view's* time = (TextView) findViewById(R.id.*time*);  
 simpleTimePicker = (TimePicker) findViewById(R.id.*simpleTimePicker*);  
 simpleTimePicker.setIs24HourView(false); *// used to display AM/PM mode  
 // perform set on time changed listener event* simpleTimePicker.setOnTimeChangedListener(new TimePicker.OnTimeChangedListener() {  
 @Override  
 public void onTimeChanged(TimePicker view, int hourOfDay, int minute) {  
 *// display a toast with changed values of time picker* Toast.*makeText*(getApplicationContext(), hourOfDay + " " + minute, Toast.*LENGTH\_SHORT*).show();  
 time.setText("Time is :: " + hourOfDay + " : " + minute); *// set the current time in text view* }  
 });  
 }  
  
  
}

time picker example 2

<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".MainActivity">  
  
 <EditText  
 android:id="@+id/time"  
 android:layout\_width="200dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_centerHorizontal="true"  
 android:hint="Select Time..."  
 android:textColor="#090"  
 android:textColorHint="#090"  
 android:background="#d4d4d4"  
 android:padding="15dp"  
 android:textSize="20sp"  
 android:textStyle="bold" />  
  
</RelativeLayout>

package com.example.timepicker1;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.os.Bundle;  
  
import android.app.TimePickerDialog;  
  
  
import android.view.View;  
import android.widget.EditText;  
  
import android.widget.TimePicker;  
import java.util.Calendar;  
  
public class MainActivity extends AppCompatActivity {  
  
 EditText time;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 *// initiate the edit text* time = (EditText) findViewById(R.id.*time*);  
 *// perform click event listener on edit text* time.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 Calendar mcurrentTime = Calendar.*getInstance*();  
 int hour = mcurrentTime.get(Calendar.*HOUR\_OF\_DAY*);  
 int minute = mcurrentTime.get(Calendar.*MINUTE*);  
 TimePickerDialog mTimePicker;  
 mTimePicker = new TimePickerDialog(MainActivity.this, new TimePickerDialog.OnTimeSetListener() {  
 @Override  
 public void onTimeSet(TimePicker timePicker, int selectedHour, int selectedMinute) {  
 time.setText(selectedHour + ":" + selectedMinute);  
 }  
 }, hour, minute, true);*//Yes 24 hour time* mTimePicker.setTitle("Select Time");  
 mTimePicker.show();  
  
 }  
 });  
 }  
  
  
}