**CSE4002 MOBILE APP DEVELOPMENT**

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**MainActivity.java:**

**package** com.example.lab3;  
  
**import** androidx.appcompat.app.AppCompatActivity;  
  
**import** android.content.Intent;  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.CheckBox;  
**import** android.widget.EditText;  
**import** android.widget.Toast;  
**public class** MainActivity **extends** AppCompatActivity {  
 EditText **e1**,**e2**,**e3**;  
 String **ee1**,**ee2**,**ee3**;  
 String **cb1**,**cb2**,**cb3**,**cb4**;  
 CheckBox **c1**,**c2**,**c3**,**c4**;  
 *// String cb1="Cold Cough";  
// String cb2="Cold Cough";  
// String cb3="Cold Cough";  
// String cb4="Cold Cough";* Button **button**;  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
 **e1**=findViewById(R.id.***e1***);  
 **e2**=findViewById(R.id.***e2***);  
 **e3**=findViewById(R.id.***e3***);  
 **c1**=(CheckBox)findViewById(R.id.***c1***);  
 **c2**=(CheckBox)findViewById(R.id.***c2***);  
 **c3**=(CheckBox)findViewById(R.id.***c3***);  
 **c4**=(CheckBox)findViewById(R.id.***c4***);  
 **button**=(Button)findViewById(R.id.***button***);  
 **button**.setOnClickListener(**new** View.OnClickListener(){  
 @Override  
 **public void** onClick(View view) {  
 **ee1**=**e1**.getText().toString();  
 **ee2**=**e2**.getText().toString();  
 **ee3**=**e3**.getText().toString();  
 Intent intent=**new** Intent(MainActivity.**this**,MainActivity2.**class**);  
 intent.putExtra(**"keyname"**,**ee1**);  
 intent.putExtra(**"keyplace"**,**ee2**);  
 intent.putExtra(**"keyaadhaar"**,**ee3**);  
 **if**(**c1**.isChecked() && **c2**.isChecked() && **c3**.isChecked() &&  
 **c4**.isChecked()){  
  
 String res = **"Covid Positive"**;  
 intent.putExtra(**"keyresult"**,res);  
 String cb1 = **"Cold Cough"**;  
 String cb2 = **"Fever"**;  
 String cb3 = **"No smell"**;  
 String cb4 = **"Vomiting"**;  
 intent.putExtra(**"keycb1"**,cb1);  
 intent.putExtra(**"keycb2"**,cb2);  
 intent.putExtra(**"keycb3"**,cb3);  
 intent.putExtra(**"keycb4"**,cb4);  
 }  
 **else if**(!**c1**.isChecked() && **c2**.isChecked() && **c3**.isChecked()  
 && **c4**.isChecked()){  
 String res = **"Covid Negative"**;  
 intent.putExtra(**"keyresult"**,res);  
 String cb1 = **" "**;  
 String cb2 = **"Fever"**;  
 String cb3 = **"No smell"**;  
 String cb4 = **"Vomiting"**;  
 intent.putExtra(**"keycb1"**,cb1);  
 intent.putExtra(**"keycb2"**,cb2);  
 intent.putExtra(**"keycb3"**,cb3);  
 intent.putExtra(**"keycb4"**,cb4);  
 }  
 **else if**(**c1**.isChecked() && !**c2**.isChecked() && **c3**.isChecked() &&  
 **c4**.isChecked()){  
 String res = **"Covid Negative"**;  
 intent.putExtra(**"keyresult"**,res);  
 String cb1 = **"Cold Cough"**;  
 String cb2 = **" "**;  
 String cb3 = **"No smell"**;  
 String cb4 = **"Vomiting"**;  
 intent.putExtra(**"keycb1"**,cb1);  
 intent.putExtra(**"keycb2"**,cb2);  
 intent.putExtra(**"keycb3"**,cb3);  
 intent.putExtra(**"keycb4"**,cb4);  
 }  
 **else if**(**c1**.isChecked() && **c2**.isChecked() && !**c3**.isChecked() &&  
 **c4**.isChecked()){  
 String res = **"Covid Negative"**;  
 intent.putExtra(**"keyresult"**,res);  
 String cb1 = **"Cold Cough"**;  
 String cb2 = **"Fever"**;  
 String cb3 = **" "**;  
 String cb4 = **"Vomiting"**;  
 intent.putExtra(**"keycb1"**,cb1);  
 intent.putExtra(**"keycb2"**,cb2);  
 intent.putExtra(**"keycb3"**,cb3);  
 intent.putExtra(**"keycb4"**,cb4);  
 }  
 **else if**(**c1**.isChecked() && **c2**.isChecked() && **c3**.isChecked() &&  
 !**c4**.isChecked()){  
 String res = **"Covid Negative"**;  
 intent.putExtra(**"keyresult"**,res);  
 String cb1 = **"Cold Cough"**;  
 String cb2 = **"Fever"**;  
 String cb3 = **"No smell"**;  
 String cb4 = **" "**;  
 intent.putExtra(**"keycb1"**,cb1);  
 intent.putExtra(**"keycb2"**,cb2);  
 intent.putExtra(**"keycb3"**,cb3);  
 intent.putExtra(**"keycb4"**,cb4);  
 }  
 **else if**(!**c1**.isChecked() && !**c2**.isChecked() && **c3**.isChecked() &&  
 **c4**.isChecked()){  
 String res = **"Covid Negative"**;  
 intent.putExtra(**"keyresult"**,res);  
 String cb1 = **" "**;  
 String cb2 = **" "**;  
 String cb3 = **"No smell"**;  
 String cb4 = **"vomiting "**;  
 intent.putExtra(**"keycb1"**,cb1);  
 intent.putExtra(**"keycb2"**,cb2);  
 intent.putExtra(**"keycb3"**,cb3);  
 intent.putExtra(**"keycb4"**,cb4);  
 }  
 **else if**(!**c1**.isChecked() && **c2**.isChecked() && !**c3**.isChecked() &&  
 **c4**.isChecked()){  
 String res = **"Covid Negative"**;  
 intent.putExtra(**"keyresult"**,res);  
 String cb1 = **" "**;  
 String cb2 = **"Fever "**;  
 String cb3 = **" "**;  
 String cb4 = **"vomiting "**;  
 intent.putExtra(**"keycb1"**,cb1);  
 intent.putExtra(**"keycb2"**,cb2);  
 intent.putExtra(**"keycb3"**,cb3);  
 intent.putExtra(**"keycb4"**,cb4);  
 }  
 **else if**(!**c1**.isChecked() && **c2**.isChecked() && **c3**.isChecked() &&  
 !**c4**.isChecked()){  
 String res = **"Covid Negative"**;  
 intent.putExtra(**"keyresult"**,res);  
 String cb1 = **" "**;  
 String cb2 = **"Fever "**;  
 String cb3 = **"No smell "**;  
 String cb4 = **" "**;  
 intent.putExtra(**"keycb1"**,cb1);  
 intent.putExtra(**"keycb2"**,cb2);  
 intent.putExtra(**"keycb3"**,cb3);  
 intent.putExtra(**"keycb4"**,cb4);  
 }  
 **else if**(**c1**.isChecked() && !**c2**.isChecked() && !**c3**.isChecked() &&  
 **c4**.isChecked()){  
 String res = **"Covid Negative"**;  
 intent.putExtra(**"keyresult"**,res);  
 String cb1 = **"Cold cough"**;  
 String cb2 = **" "**;  
 String cb3 = **" "**;  
 String cb4 = **"Vomiting"**;  
 intent.putExtra(**"keycb1"**,cb1);  
 intent.putExtra(**"keycb2"**,cb2);  
 intent.putExtra(**"keycb3"**,cb3);  
 intent.putExtra(**"keycb4"**,cb4);  
 }  
 **else if**(**c1**.isChecked() && !**c2**.isChecked() && **c3**.isChecked() &&  
 !**c4**.isChecked()){  
 String res = **"Covid Negative"**;  
 intent.putExtra(**"keyresult"**,res);  
 String cb1 = **"Cold cough"**;  
 String cb2 = **" "**;  
 String cb3 = **" No smell"**;  
 String cb4 = **""**;  
 intent.putExtra(**"keycb1"**,cb1);  
 intent.putExtra(**"keycb2"**,cb2);  
 intent.putExtra(**"keycb3"**,cb3);  
 intent.putExtra(**"keycb4"**,cb4);  
 }  
 **else if**(**c1**.isChecked() && **c2**.isChecked() && !**c3**.isChecked() &&  
 !**c4**.isChecked()){  
 String res = **"Covid Negative"**;  
 intent.putExtra(**"keyresult"**,res);  
 String cb1 = **"Cold cough"**;  
 String cb2 = **"Fever"**;  
 String cb3 = **" "**;  
 String cb4 = **""**;  
 intent.putExtra(**"keycb1"**,cb1);  
 intent.putExtra(**"keycb2"**,cb2);  
 intent.putExtra(**"keycb3"**,cb3);  
 intent.putExtra(**"keycb4"**,cb4);  
 }  
 **else if**(**c1**.isChecked() && !**c2**.isChecked() && !**c3**.isChecked() &&  
 !**c4**.isChecked()){  
 String res = **"Covid Negative"**;  
 intent.putExtra(**"keyresult"**,res);  
 String cb1 = **"Cold cough"**;  
 String cb2 = **" "**;  
 String cb3 = **" "**;  
 String cb4 = **" "**;  
 intent.putExtra(**"keycb1"**,cb1);  
 intent.putExtra(**"keycb2"**,cb2);  
 intent.putExtra(**"keycb3"**,cb3);  
 intent.putExtra(**"keycb4"**,cb4);  
 }  
 **else if**(!**c1**.isChecked() && **c2**.isChecked() && !**c3**.isChecked() &&  
 !**c4**.isChecked()){  
 String res = **"Covid Negative"**;  
 intent.putExtra(**"keyresult"**,res);  
 String cb1 = **" "**;  
 String cb2 = **"Fever "**;  
 String cb3 = **" "**;  
 String cb4 = **" "**;  
 intent.putExtra(**"keycb1"**,cb1);  
 intent.putExtra(**"keycb2"**,cb2);  
 intent.putExtra(**"keycb3"**,cb3);  
 intent.putExtra(**"keycb4"**,cb4);  
 }  
 **else if**(!**c1**.isChecked() && !**c2**.isChecked() && **c3**.isChecked() &&  
 !**c4**.isChecked()){  
 String res = **"Covid Negative"**;  
 intent.putExtra(**"keyresult"**,res);  
 String cb1 = **" "**;  
 String cb2 = **" "**;  
 String cb3 = **"No smell "**;  
 String cb4 = **" "**;  
 intent.putExtra(**"keycb1"**,cb1);  
 intent.putExtra(**"keycb2"**,cb2);  
 intent.putExtra(**"keycb3"**,cb3);  
 intent.putExtra(**"keycb4"**,cb4);  
 }  
 **else if**(!**c1**.isChecked() && !**c2**.isChecked() && !**c3**.isChecked()  
 && **c4**.isChecked()){  
 String res = **"Covid Negative"**;  
 intent.putExtra(**"keyresult"**,res);  
 String cb1 = **" "**;  
 String cb2 = **" "**;  
 String cb3 = **" "**;  
 String cb4 = **"Vomiting "**;  
 intent.putExtra(**"keycb1"**,cb1);  
 intent.putExtra(**"keycb2"**,cb2);  
 intent.putExtra(**"keycb3"**,cb3);  
 intent.putExtra(**"keycb4"**,cb4);  
 }  
 **else**{  
  
 String res = **"Covid Negative"**;  
 intent.putExtra(**"keyresult"**,res);  
 **if**(**c1**.isChecked()) {  
 String cb1 = **"Cold Cough"**;  
 }  
 **else**{  
 String cb1 = **" "**;  
 }  
 **if**(**c2**.isChecked()) {  
 String cb2 = **"Fever"**;  
 }  
 **else**{  
 String cb2 = **" "**;  
 }  
 **if**(**c3**.isChecked()) {  
 String cb3 = **"No smell"**;  
 }  
 **else**{  
 String cb3 = **" "**;  
 }  
 **if**(**c4**.isChecked()) {  
 String cb4 = **"Vomiting"**;  
 }  
 **else**{  
 String cb4 = **" "**;  
 }  
 }  
 startActivity(intent);  
 }  
 });  
 }  
}

**activity\_main.xml:**

*<?***xml version="1.0" encoding="utf-8"***?>*<**androidx.constraintlayout.widget.ConstraintLayout  
 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"**>  
 <**TextView  
 android:id="@+id/textView"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Enter Name"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.198"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.105"** />  
 <**EditText  
 android:id="@+id/e1"  
 android:layout\_width="157dp"  
 android:layout\_height="46dp"  
 android:ems="10"  
 android:inputType="textPersonName"  
 android:hint="Name"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.883"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.087"** />  
 <**TextView  
 android:id="@+id/textView2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Place"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.212"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.195"** />  
 <**EditText  
 android:id="@+id/e2"  
 android:layout\_width="159dp"  
 android:layout\_height="41dp"  
 android:ems="10"  
 android:hint="place"  
 android:inputType="textPersonName"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.884"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.169"** />  
 <**TextView  
 android:id="@+id/textView3"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Aadhaar number"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.218"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.265"** />  
 <**EditText  
 android:id="@+id/e3"  
 android:layout\_width="159dp"  
 android:layout\_height="40dp"  
 android:ems="10"  
 android:hint="Aadhaar no"  
 android:inputType="textPersonName"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.884"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.243"** />  
 <**TextView  
 android:id="@+id/textView4"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Symptoms"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.194"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.353"** />  
 <**CheckBox  
 android:id="@+id/c1"  
 android:layout\_width="130dp"  
 android:layout\_height="46dp"  
 android:text="Cold Cough"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.369"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.457"** />  
 <**CheckBox  
 android:id="@+id/c2"  
 android:layout\_width="99dp"  
 android:layout\_height="47dp"  
 android:text="Fever"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.859"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.457"** />  
 <**CheckBox  
 android:id="@+id/c3"  
 android:layout\_width="140dp"  
 android:layout\_height="40dp"  
 android:text="No smell"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.373"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.591"** />  
 <**CheckBox  
 android:id="@+id/c4"  
 android:layout\_width="104dp"  
 android:layout\_height="36dp"  
 android:text="Vomiting"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.857"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.596"** />  
 <**Button  
 android:id="@+id/button"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Submit"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.554"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.715"** />

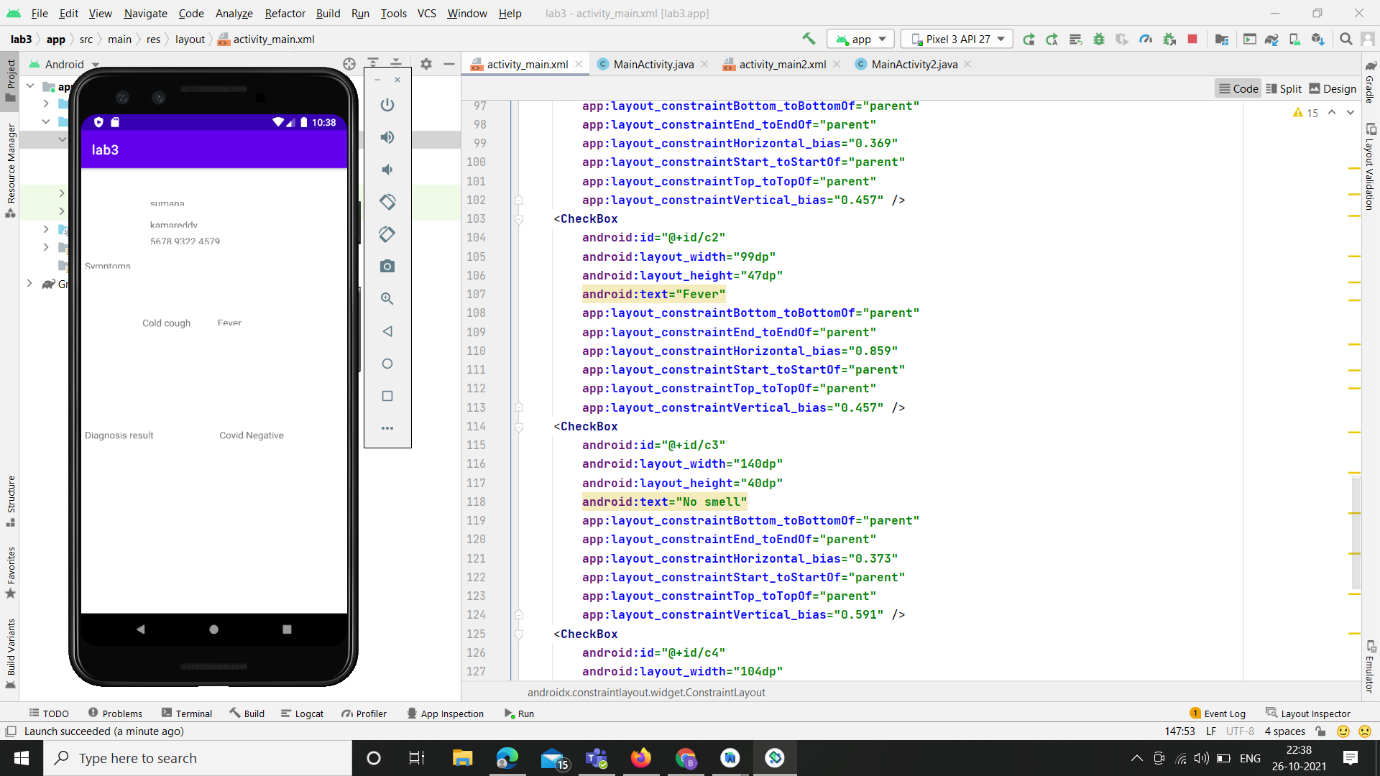
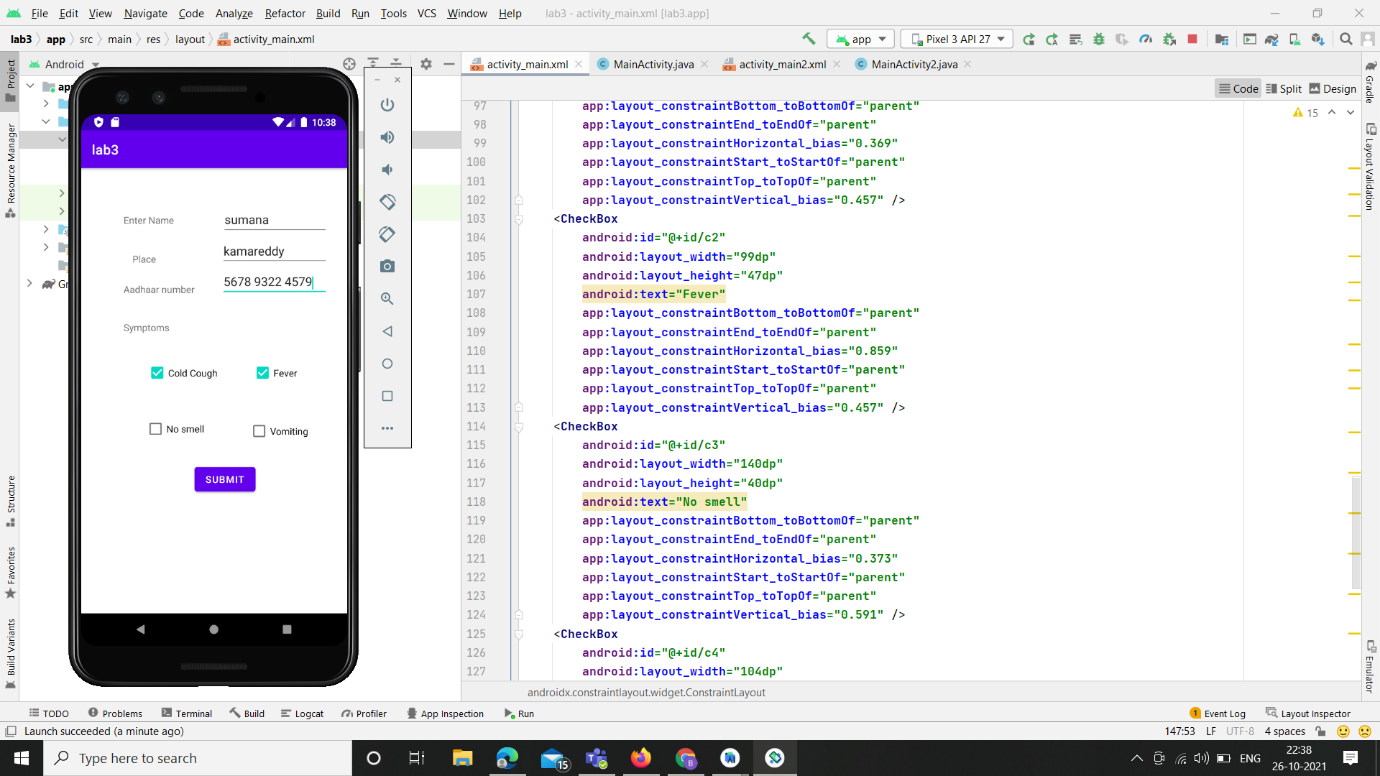
**MainActivity2.java:**

**package** com.example.lab3;  
  
**import** androidx.appcompat.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.widget.TextView;  
**public class** MainActivity2 **extends** AppCompatActivity {  
 **private** TextView **e11**,**e12**,**e13**, **c11**,**c12**,**c13**,**c14**,**result**;  
 *// TextView c11,c12,c13,c14;* @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main2***);  
 **e11**=findViewById(R.id.***e11***);  
 **e12**=findViewById(R.id.***e12***);  
 **e13**=findViewById(R.id.***e13***);  
 **result**=findViewById(R.id.***result***);  
 **c11**=findViewById(R.id.***c11***);  
 **c12**=findViewById(R.id.***c12***);  
 **c13**=findViewById(R.id.***c13***);  
 **c14**=findViewById(R.id.***c14***);  
 String ee1=getIntent().getStringExtra(**"keyname"**);  
 **e11**.setText(ee1);  
 String ee2=getIntent().getStringExtra(**"keyplace"**);  
 **e12**.setText(ee2);  
 String ee3=getIntent().getStringExtra(**"keyaadhaar"**);  
 **e13**.setText(ee3);  
 String cb1=getIntent().getStringExtra(**"keycb1"**);  
 **c11**.setText(cb1);  
 String cb2=getIntent().getStringExtra(**"keycb2"**);  
 **c12**.setText(cb2);  
 String cb3=getIntent().getStringExtra(**"keycb3"**);  
 **c13**.setText(cb3);  
 String cb4=getIntent().getStringExtra(**"keycb4"**);  
 **c14**.setText(cb4);  
 String res=getIntent().getStringExtra(**"keyresult"**);  
 **result**.setText(res);  
 }  
}

**activity\_main2.xml:**

*<?***xml version="1.0" encoding="utf-8"***?>*<**androidx.constraintlayout.widget.ConstraintLayout  
 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=".MainActivity2"**>  
 <**TextView  
 android:id="@+id/e11"  
 android:layout\_width="0dp"  
 android:layout\_height="0dp"  
 android:layout\_marginTop="42dp"  
 android:layout\_marginBottom="18dp"  
 app:autoSizeMaxTextSize="45dp"  
 app:layout\_constraintBottom\_toTopOf="@+id/e12"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="@+id/e12"  
 app:layout\_constraintTop\_toTopOf="parent"** />  
 <**TextView  
 android:id="@+id/e12"  
 android:layout\_width="0dp"  
 android:layout\_height="0dp"  
 android:layout\_marginBottom="10dp"  
 app:layout\_constraintBottom\_toTopOf="@+id/e13"  
 app:layout\_constraintEnd\_toEndOf="@+id/e13"  
 app:layout\_constraintHorizontal\_bias="1.0"  
 app:layout\_constraintStart\_toStartOf="@+id/e13"  
 app:layout\_constraintTop\_toBottomOf="@+id/e11"** />  
 <**TextView  
 android:id="@+id/e13"  
 android:layout\_width="0dp"  
 android:layout\_height="0dp"  
 android:layout\_marginStart="102dp"  
 android:layout\_marginBottom="22dp"  
 app:layout\_constraintBottom\_toTopOf="@+id/textView18"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/e12"** />  
 <**TextView  
 android:id="@+id/c13"  
 android:layout\_width="0dp"  
 android:layout\_height="43dp"  
 android:layout\_marginStart="91dp"  
 android:layout\_marginEnd="30dp"  
 app:layout\_constraintBaseline\_toBaselineOf="@+id/c14"  
 app:layout\_constraintEnd\_toStartOf="@+id/c14"  
 app:layout\_constraintStart\_toStartOf="parent"** />  
 <**TextView  
 android:id="@+id/c14"  
 android:layout\_width="0dp"  
 android:layout\_height="0dp"  
 android:layout\_marginEnd="110dp"  
 android:layout\_marginBottom="105dp"  
 app:layout\_constraintBottom\_toTopOf="@+id/result"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toEndOf="@+id/c13"  
 app:layout\_constraintTop\_toBottomOf="@+id/c12"** />  
 <**TextView  
 android:id="@+id/textView18"  
 android:layout\_width="0dp"  
 android:layout\_height="0dp"  
 android:layout\_marginBottom="70dp"  
 android:text="Symptoms"  
 app:layout\_constraintBottom\_toTopOf="@+id/c12"  
 app:layout\_constraintEnd\_toEndOf="@+id/textView19"  
 app:layout\_constraintStart\_toStartOf="@+id/textView19"  
 app:layout\_constraintTop\_toBottomOf="@+id/e13"** />  
 <**TextView  
 android:id="@+id/textView19"  
 android:layout\_width="155dp"  
 android:layout\_height="42dp"  
 android:layout\_marginStart="43dp"  
 android:layout\_marginEnd="44dp"  
 android:text="Diagnosis result"  
 app:layout\_constraintBaseline\_toBaselineOf="@+id/result"  
 app:layout\_constraintEnd\_toStartOf="@+id/result"  
 app:layout\_constraintStart\_toStartOf="parent"** />  
 <**TextView  
 android:id="@+id/result"  
 android:layout\_width="115dp"  
 android:layout\_height="28dp"  
 android:layout\_marginEnd="110dp"  
 android:layout\_marginBottom="245dp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toEndOf="@+id/textView19"  
 app:layout\_constraintTop\_toBottomOf="@+id/c14"** />  
 <**TextView  
 android:id="@+id/c11"  
 android:layout\_width="0dp"  
 android:layout\_height="43dp"  
 android:layout\_marginStart="91dp"  
 android:layout\_marginEnd="30dp"  
 app:layout\_constraintBaseline\_toBaselineOf="@+id/c12"  
 app:layout\_constraintEnd\_toStartOf="@+id/c12"  
 app:layout\_constraintStart\_toStartOf="parent"** />  
 <**TextView  
 android:id="@+id/c12"  
 android:layout\_width="0dp"  
 android:layout\_height="0dp"  
 android:layout\_marginEnd="110dp"  
 android:layout\_marginBottom="33dp"  
 app:layout\_constraintBottom\_toTopOf="@+id/c14"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toEndOf="@+id/c11"  
 app:layout\_constraintTop\_toBottomOf="@+id/textView18"** />  
</**androidx.constraintlayout.widget.ConstraintLayout**>

**OUTPUT:**

****