LAB 06

Layout Code:

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout 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:backgroundTint="@color/black"
  android:padding="10dp"
   tools:context=".MainActivity">
   <ImageView</pre>
       android:id="@+id/imageView3"
       android:layout width="359dp"
       android:layout height="182dp"
       app:srcCompat="@drawable/img" />
   <EditText
       android:id="@+id/editTextTextPersonName2"
       android:layout width="wrap content"
       android: layout height="wrap content"
       android:layout below="@+id/imageView3"
       android:layout centerHorizontal="true"
       android:ems="10"
       android:hint="Name"
       android:inputType="textPersonName"
       android:textStyle="bold" />
   <TextView
       android:id="@+id/textView2"
       android:layout width="wrap content"
       android:layout_height="wrap_content"
       android:layout below="@+id/editTextTextPersonName2"
       android: text="Age"
       android:textSize="24sp" />
   <RadioGroup
       android:id="@+id/radioGroup"
       android:layout width="wrap content"
       android:layout_height="wrap content"
       android:layout below="@+id/textView2"
       android:background="@color/teal 200">
       <RadioButton</pre>
           android:id="@+id/radioButton"
           android:layout width="wrap content"
```

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android:layout height="wrap content"
        android:layout below="@+id/textView2"
        android:text="18 to 21"
        android:textSize="18sp" />
    <RadioButton
        android:id="@+id/radioButton2"
        android:layout width="wrap content"
        android:layout height="wrap content"
        android:layout below="@+id/radioButton"
        android:text="22 to 30"
        android:textSize="18sp" />
    <RadioButton</pre>
        android:id="@+id/radioButton3"
        android:layout width="wrap content"
        android:layout_height="wrap_content"
        android:layout below="@+id/radioButton2"
        android:text="31 to 50"
        android:textSize="18sp" />
</RadioGroup>
<TextView
    android:id="@+id/textView3"
    android:layout_width="wrap_content"
    android:layout height="wrap content"
    android:layout below="@+id/radioGroup"
    android:text="Preffered City"
    android:textSize="24sp" />
<CheckBox
    android:id="@+id/checkBox"
    android:layout width="wrap content"
    android:layout height="wrap content"
    android:layout below="@+id/textView3"
    android:text="MYSORE"
    android:textSize="18sp" />
<CheckBox
    android:id="@+id/checkBox2"
    android:layout_width="wrap_content"
    android:layout height="wrap content"
    android:layout below="@+id/checkBox"
    android:text="BANGALORE"
    android:textSize="18sp" />
<CheckBox
    android:id="@+id/checkBox3"
```

```
android:layout width="wrap content"
       android:layout height="wrap content"
       android:layout below="@+id/checkBox2"
       android:text="DELHI"
       android:textSize="18sp" />
   <CheckBox
       android:id="@+id/checkBox4"
       android:layout width="wrap content"
       android:layout height="wrap content"
       android:layout below="@+id/checkBox3"
       android:text="CHENNAI"
       android:textSize="18sp" />
   <Button
       android:id="@+id/button2"
       android:layout width="wrap content"
       android:layout height="wrap content"
       android:layout below="@+id/checkBox4"
       android:layout centerHorizontal="true"
       android:onClick="start"
       android:text="Get Info" />
</RelativeLayout>
Java Code:
package com.example.lab06;
import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.CheckBox;
import android.widget.EditText;
import android.widget.ImageView;
import android.widget.RadioButton;
import android.widget.RadioGroup;
import android.widget.Toast;
public class MainActivity extends AppCompatActivity {
  EditText etname;
   ImageView iv;
  Button btn;
  RadioGroup rg;
  RadioButton rbtn;
   CheckBox c1,c2,c3,c4;
```

```
Integer one, two, three, four;
   Integer Total;
   @Override
   protected void onCreate(Bundle savedInstanceState) {
       super.onCreate(savedInstanceState);
       setContentView(R.layout.activity main);
       etname = findViewById(R.id.editTextTextPersonName2);
       iv = findViewById(R.id.imageView3);
       rg = (RadioGroup) findViewById(R.id.radioGroup);
       c1 = (CheckBox) findViewById(R.id.checkBox);
       c2 = (CheckBox) findViewById(R.id.checkBox2);
       c3 = (CheckBox)findViewById(R.id.checkBox3);
       c4 = (CheckBox) findViewById(R.id.checkBox4);
   }
   public void start(View view) {
       String name = etname.getText().toString().trim();
       int selected id = rg.getCheckedRadioButtonId();
       rbtn = (RadioButton) findViewById(selected id);
       String rb text = rbtn.getText().toString();
       String msg="";
       if(c1.isChecked())
           msg = msg + " MYSORE ";
       if(c2.isChecked())
           msq = msq + " BANGALORE ";
       if(c3.isChecked())
           msg = msg + " DELHI ";
       if(c4.isChecked())
           msg = msg + " CHENNAI ";
       Toast.makeText( this, " Name: "+ name + "\n Age Group: "+ rb text +
"\n Preffered City: "+ msg, Toast. LENGTH LONG). show();
   }
}
Manifest Code:
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"</pre>
   package="com.example.lab06">
   <application</pre>
       android:allowBackup="true"
       android:icon="@mipmap/ic launcher"
       android:label="@string/app name"
       android:roundIcon="@mipmap/ic launcher round"
       android: supportsRtl="true"
       android: theme="@style/Theme.LAB06">
```

</manifest>

Screenshot

