Slip no – 15

Q1. Design following-add a border to an Android Layout.

activity\_main.xml

<?*xml version*="1.0" *encoding*="utf-8"?>  
<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"  
 *android:background*="#000000"  
 *android:padding*="10dp">  
  
 <LinearLayout  
 *android:orientation*="horizontal"  
 *android:layout\_width*="match\_parent"  
 *android:layout\_height*="match\_parent"  
 *android:background*="@drawable/border">  
  
 <TextView  
 *android:layout\_width*="356dp"  
 *android:layout\_height*="697dp"  
 *android:background*="#A00000FF"  
 *android:gravity*="center\_vertical|center\_horizontal"  
 *android:text*="Hello World!"  
 *android:textColor*="#ffffff"  
 *android:textSize*="40sp" />  
 </LinearLayout>  
  
</RelativeLayout>

border.xml

* Add border.xml file into the drawable folder

<?*xml version*="1.0" *encoding*="utf-8"?>  
<shape *xmlns:android*="http://schemas.android.com/apk/res/android" *android:shape*="rectangle">  
 <corners *android:radius*="20dp"/>  
 <padding *android:left*="20dp" *android:right*="20dp" *android:top*="20dp" *android:bottom*="20dp"/>  
 <solid *android:color*="#CCCCCC"/>  
</shape>

Q2. Create First Activity to accept information like Employee First Name, Middle Name, Last Name, Salary, Address, Email ID and display all information on Second Activity when user click on Submit button.

* Open your AndroidManifest.xml file and add the ResultActivity declaration within code.

<application

<!-- Other application configurations -->

<activity android:name=".ResultActivity"/>

</application>

activity\_main.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"  
 *tools:context*=".MainActivity">  
  
 <EditText  
 *android:id*="@+id/efname"  
 *android:layout\_width*="match\_parent"  
 *android:layout\_height*="wrap\_content"  
 *android:layout\_gravity*="center"  
 *android:hint*="Enter employee first name"  
 *android:inputType*="text"/>  
 <EditText  
 *android:id*="@+id/emname"  
 *android:layout\_width*="match\_parent"  
 *android:layout\_height*="wrap\_content"  
 *android:layout\_gravity*="center"  
 *android:hint*="Enter employee middle name"  
 *android:inputType*="text"/>  
 <EditText  
 *android:id*="@+id/elname"  
 *android:layout\_width*="match\_parent"  
 *android:layout\_height*="wrap\_content"  
 *android:layout\_gravity*="center"  
 *android:hint*="Enter employee last name"  
 *android:inputType*="text"/>  
 <EditText  
 *android:id*="@+id/esalary"  
 *android:layout\_width*="match\_parent"  
 *android:layout\_height*="wrap\_content"  
 *android:layout\_gravity*="center"  
 *android:hint*="Enter employee salary"  
 *android:inputType*="text"/>  
 <EditText  
 *android:id*="@+id/eaddress"  
 *android:layout\_width*="match\_parent"  
 *android:layout\_height*="wrap\_content"  
 *android:layout\_gravity*="center"  
 *android:hint*="Enter employee address"  
 *android:inputType*="text"/>  
 <EditText  
 *android:id*="@+id/eemail"  
 *android:layout\_width*="match\_parent"  
 *android:layout\_height*="wrap\_content"  
 *android:layout\_gravity*="center"  
 *android:hint*="Enter employee email"  
 *android:inputType*="text"/>  
  
 <Button  
 *android:id*="@+id/button"  
 *android:layout\_width*="wrap\_content"  
 *android:layout\_height*="wrap\_content"  
 *android:text*="Submit"/>  
  
</LinearLayout>

MainActivity.java

*package* com.example.slipno5;  
  
*import* androidx.appcompat.app.AppCompatActivity;  
  
*import* android.content.Intent;  
*import* android.os.Bundle;  
*import* android.view.View;  
*import* android.widget.Button;  
*import* android.widget.EditText;  
  
*public class* MainActivity *extends* AppCompatActivity {  
  
 @Override  
 *protected void* onCreate(Bundle savedInstanceState) {  
 *super*.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
  
 *final* EditText editText1= findViewById(R.id.*efname*);  
 *final* EditText editText2=findViewById(R.id.*emname*);  
 *final* EditText editText3=findViewById(R.id.*elname*);  
 *final* EditText editText4=findViewById(R.id.*esalary*);  
 *final* EditText editText5=findViewById(R.id.*eaddress*);  
 *final* EditText editText6=findViewById(R.id.*eemail*);  
 Button button1=findViewById(R.id.*button*);  
  
 button1.setOnClickListener(*new* View.OnClickListener() {  
 @Override  
 *public void* onClick(View view) {  
 String name1 =editText1.getText().toString().trim();  
 String name2=editText2.getText().toString().trim();  
 String name3=editText3.getText().toString().trim();  
 String sal=editText4.getText().toString().trim();  
 String add=editText5.getText().toString().trim();  
 String email=editText6.getText().toString().trim();  
  
 Bundle bundle =*new* Bundle();  
 bundle.putString("value1",name1);  
 bundle.putString("value2",name2);  
 bundle.putString("value3",name3);  
 bundle.putString("value4",sal);  
 bundle.putString("value5",add);  
 bundle.putString("value6",email);  
  
 Intent intent =*new* Intent(MainActivity.*this*, ResultActivity.*class*);  
 intent.putExtras(bundle);  
 startActivity(intent);  
 }  
 });  
  
 }  
}

activity\_result.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"  
 *tools:context*=".ResultActivity">  
  
 <TextView  
 *android:id*="@+id/text\_efname"  
 *android:layout\_width*="wrap\_content"  
 *android:layout\_height*="wrap\_content"  
 *android:layout\_gravity*="center"  
 />  
 <TextView  
 *android:id*="@+id/text\_emname"  
 *android:layout\_width*="wrap\_content"  
 *android:layout\_height*="wrap\_content"  
 *android:layout\_gravity*="center"  
 />  
 <TextView  
 *android:id*="@+id/text\_elname"  
 *android:layout\_width*="wrap\_content"  
 *android:layout\_height*="wrap\_content"  
 *android:layout\_gravity*="center"  
 />  
 <TextView  
 *android:id*="@+id/text\_esal"  
 *android:layout\_width*="wrap\_content"  
 *android:layout\_height*="wrap\_content"  
 *android:layout\_gravity*="center"  
 />  
 <TextView  
 *android:id*="@+id/text\_eadd"  
 *android:layout\_width*="wrap\_content"  
 *android:layout\_height*="wrap\_content"  
 *android:layout\_gravity*="center"  
 />  
 <TextView  
 *android:id*="@+id/text\_eemail"  
 *android:layout\_width*="wrap\_content"  
 *android:layout\_height*="wrap\_content"  
 *android:layout\_gravity*="center"  
 />  
  
</LinearLayout>

ResultActivity.java

*package* com.example.slipno5;  
  
  
*import* androidx.appcompat.app.AppCompatActivity;  
*import* android.os.Bundle;  
*import* android.widget.TextView;  
  
*public class* ResultActivity *extends* AppCompatActivity {  
  
 @Override  
 *protected void* onCreate(Bundle savedInstanceState) {  
 *super*.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_result*);  
 Bundle bundle =getIntent().getExtras();  
 *if*(bundle!=*null*){  
 String value1 =bundle.getString("value1");  
 String value2 =bundle.getString("value2");  
 String value3 = bundle.getString("value3");  
 String value4 = bundle.getString("value4");  
 String value5 = bundle.getString("value5");  
 String value6 = bundle.getString("value6");  
  
 TextView textView1=findViewById(R.id.*text\_efname*);  
 TextView textView2=findViewById(R.id.*text\_emname*);  
 TextView textView3=findViewById(R.id.*text\_elname*);  
 TextView textView4=findViewById(R.id.*text\_esal*);  
 TextView textView5=findViewById(R.id.*text\_eadd*);  
 TextView textView6=findViewById(R.id.*text\_eemail*);  
 textView1.setText(value1);  
 textView2.setText(value2);  
 textView3.setText(value3);  
 textView4.setText(value4);  
 textView5.setText(value5);  
 textView6.setText(value6);  
 }  
 }  
}