**m1.xml**

***<?*xml version="1.0" encoding="utf-8"*?>***

**<menu xmlns:android="http://schemas.android.com/apk/res/android">**

**<item android:id="@+id/i1"**

**android:title="Login"/>**

**<item android:id="@+id/i2"**

**android:title="About" />**

**</menu>**

**m2.xml**

*<?***xml version="1.0" encoding="utf-8"***?>*

<**menu xmlns:android="http://schemas.android.com/apk/res/android"**>

<**item android:id="@+id/i1"**

**android:title="Price"**/>

<**item android:id="@+id/i2"**

**android:title="Availability"** />

</**menu**>

**activity\_main.xml**

*<?***xml version="1.0" encoding="utf-8"***?>*

<**android.support.constraint.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="Welcome :)"**

**app:layout\_constraintBottom\_toBottomOf="parent"**

**app:layout\_constraintEnd\_toEndOf="parent"**

**app:layout\_constraintStart\_toStartOf="parent"**

**app:layout\_constraintTop\_toTopOf="parent"** />

</**android.support.constraint.ConstraintLayout**>

**MainActivity.java**

**package** com.example.menu;

**import** android.content.Intent;

**import** android.support.v7.app.AppCompatActivity;

**import** android.os.Bundle;

**import** android.view.Menu;

**import** android.view.MenuItem;

**import** android.widget.Toast;

**public class** MainActivity **extends** AppCompatActivity

{

@Override

**protected void** onCreate(Bundle savedInstanceState)

{

**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_main***);

}

@Override

**public boolean** onCreateOptionsMenu(Menu menu)

{

getMenuInflater().inflate(R.menu.***m1***, menu);

**return true**;

}

@Override

**public boolean** onOptionsItemSelected(MenuItem item)

{

**switch**(item.getItemId())

{

**case** R.id.***i1***:

{

Intent i = **new** Intent(**this**,Main2Activity.**class**);

startActivity(i);

}

**break**;

**case** R.id.***i2***:

{

Toast.*makeText*(**this**,**"Just click Login."**,Toast.***LENGTH\_SHORT***).show();

}

**break**;

}

**return true**;

}

}

**activity\_main2.xml**

*<?***xml version="1.0" encoding="utf-8"***?>*

<**android.support.constraint.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=".Main2Activity"**>

<**TextView**

**android:id="@+id/textView1"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:layout\_marginStart="16dp"**

**android:layout\_marginTop="127dp"**

**android:text="Name:"**

**android:textSize="25dp"**

**app:layout\_constraintStart\_toStartOf="parent"**

**app:layout\_constraintTop\_toTopOf="parent"** />

<**TextView**

**android:id="@+id/textView2"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:layout\_marginStart="16dp"**

**android:layout\_marginTop="30dp"**

**android:text="Password:"**

**android:textSize="25dp"**

**app:layout\_constraintStart\_toStartOf="parent"**

**app:layout\_constraintTop\_toBottomOf="@+id/textView1"** />

<**EditText**

**android:id="@+id/editText1"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:layout\_marginBottom="29dp"**

**android:ems="10"**

**android:inputType="textPersonName"**

**app:layout\_constraintBottom\_toTopOf="@+id/textView2"**

**app:layout\_constraintStart\_toStartOf="@+id/editText2"** />

<**EditText**

**android:id="@+id/editText2"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:layout\_marginStart="15dp"**

**android:layout\_marginTop="19dp"**

**android:ems="10"**

**android:inputType="textPassword"**

**app:layout\_constraintStart\_toEndOf="@+id/textView2"**

**app:layout\_constraintTop\_toBottomOf="@+id/editText1"** />

<**Button**

**android:id="@+id/button"**

**android:layout\_width="102dp"**

**android:layout\_height="83dp"**

**android:layout\_marginBottom="236dp"**

**android:text="Login"**

**app:layout\_constraintBottom\_toBottomOf="parent"**

**app:layout\_constraintEnd\_toEndOf="parent"**

**app:layout\_constraintHorizontal\_bias="0.5"**

**app:layout\_constraintStart\_toStartOf="parent"** />

</**android.support.constraint.ConstraintLayout**>

**Main2Activity.java**

**package** com.example.menu;

**import** android.content.Intent;

**import** android.support.v7.app.AppCompatActivity;

**import** android.os.Bundle;

**import** android.view.View;

**import** android.widget.Button;

**import** android.widget.EditText;

**import** android.widget.Toast;

**public class** Main2Activity **extends** AppCompatActivity **implements** View.OnClickListener

{

Button **b1**;

EditText **e1**,**e2**;

@Override

**protected void** onCreate(Bundle savedInstanceState)

{

**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_main2***);

**b1** = findViewById(R.id.***button***);

**b1**.setOnClickListener(**this**);

**e1** = findViewById(R.id.***editText1***);

**e2** = findViewById(R.id.***editText2***);

}

@Override

**public void** onClick(View view)

{

**if**(**e2**.getText().toString().equals(**"pass123"**))

{

Intent i = **new** Intent(**this**,Main3Activity.**class**);

i.putExtra(**"name"**,**e1**.getText().toString());

startActivity(i);

}

**else**

Toast.*makeText*(**this**,**"Password incorrect"**,Toast.***LENGTH\_SHORT***).show();

}

}

**acitivty\_main3.xml**

*<?***xml version="1.0" encoding="utf-8"***?>*

<**android.support.constraint.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=".Main3Activity"**>

<**ListView**

**android:id="@+id/lv"**

**android:layout\_width="match\_parent"**

**android:layout\_height="365dp"** />

<**TextView**

**android:id="@+id/textView3"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:layout\_marginBottom="180dp"**

**android:fontFamily="sans-serif-light"**

**android:text="Hello"**

**android:textSize="20dp"**

**app:layout\_constraintBottom\_toBottomOf="parent"**

**app:layout\_constraintEnd\_toEndOf="parent"**

**app:layout\_constraintHorizontal\_bias="0.498"**

**app:layout\_constraintStart\_toStartOf="parent"**

**app:layout\_constraintTop\_toBottomOf="@+id/lv"**

**app:layout\_constraintVertical\_bias="1.0"** />

</**android.support.constraint.ConstraintLayout**>

**Main3Activity.java**

**package** com.example.menu;

**import** android.support.v7.app.AppCompatActivity;

**import** android.os.Bundle;

**import** android.view.MenuInflater;

**import** android.view.MenuItem;

**import** android.view.View;

**import** android.widget.AdapterView;

**import** android.widget.ArrayAdapter;

**import** android.widget.ListView;

**import** android.widget.TextView;

**import** android.widget.Toast;

**public class** Main3Activity **extends** AppCompatActivity **implements** AdapterView.OnItemLongClickListener {

ListView **lv1**;

TextView **tv**;

String **prod**[] = {**"Apple"**,**"Chair"**,**"Phone"**,**"Book"**,**"Biscuit"**};

String **price**=**""**,**avail**=**""**;

@Override

**protected void** onCreate(Bundle savedInstanceState)

{

**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_main3***);

Bundle b = getIntent().getExtras();

**tv** = findViewById(R.id.***textView3***);

**tv**.append(**" "**+b.getString(**"name"**));

**lv1** = findViewById(R.id.***lv***);

ArrayAdapter ad = **new** ArrayAdapter(**this**,android.R.layout.***simple\_list\_item\_1***,**prod**);

**lv1**.setAdapter(ad);

**lv1**.setOnItemLongClickListener(**this**);

*//registerForContextMenu(lv1);*

}

**public void** onCreateContextMenu(android.view.ContextMenu menu, View v, android.view.ContextMenu.ContextMenuInfo menuInfo)

{

**super**.onCreateContextMenu(menu, v, menuInfo);

MenuInflater inflater = getMenuInflater();

inflater.inflate(R.menu.***m2***, menu);

}

@Override

**public boolean** onContextItemSelected(MenuItem item)

{

**switch**(item.getItemId())

{

**case** R.id.***i1***:

Toast.*makeText*(**this**,**"Price: "**+**price**, Toast.***LENGTH\_SHORT***).show();

**break**;

**case** R.id.***i2***:

Toast.*makeText*(**this**,**"Availability: "**+**avail**, Toast.***LENGTH\_SHORT***).show();

**break**;

}

**return super**.onContextItemSelected(item);

}

@Override

**public boolean** onItemLongClick(AdapterView<?> adapterView, View view, **int** i, **long** l)

{

registerForContextMenu(adapterView);

openContextMenu(adapterView);

TextView tv = (TextView) view;

**switch**(tv.getText().toString())

{

**case "Apple"**:

{

**price** = **"₹5.00"**;

**avail** = **"Available"**;

}

**break**;

**case "Chair"**:

{

**price** = **"₹200.00"**;

**avail** = **"Available"**;

}

**break**;

**case "Phone"**:

{

**price** = **"₹12,000.00"**;

**avail** = **"Unavailable"**;

}

**break**;

**case "Book"**:

{

**price** = **"₹350.00"**;

**avail** = **"Unavailable"**;

}

**break**;

**case "Biscuit"**:

{

**price** = **"₹25.00"**;

**avail** = **"Available"**;

}

**break**;

}

**return true**;

}

}