**String.xml**

<resources>  
 <string name="app\_name">J045\_Advait Menon</string>  
 <string-array name="Menu">  
 <item>Nothing Selected</item>  
 <item>Samosa</item>  
 <item>Idli</item>  
 <item>North Indian Assortment</item>  
 </string-array>  
</resources>

**MainActivity.class**

package com.example.j045\_advaitmenon;  
  
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 {  
  
 EditText editText;  
 Button button;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
  
 button = findViewById(R.id.*button*);  
 editText = findViewById(R.id.*name*);  
 }  
 public void startIntent(View view){  
 String name = editText.getText().toString();  
 Intent intent = new Intent(this, MainActivity2.class);  
 intent.putExtra("name", name);  
 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">  
  
 <EditText  
 android:id="@+id/name"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:ems="10"  
 android:hint="Name"  
 android:inputType="textPersonName"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.497"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.399" />  
  
 <ImageView  
 android:layout\_width="165dp"  
 android:layout\_height="191dp"  
 android:src="@drawable/nmims"  
 app:layout\_constraintBottom\_toTopOf="@+id/name"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.192" />  
  
 <Button  
 android:id="@+id/button"  
 android:layout\_width="127dp"  
 android:layout\_height="61dp"  
 android:onClick="startIntent"  
 android:text="Today's Menu"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/name"  
 app:layout\_constraintVertical\_bias="0.111" />  
</androidx.constraintlayout.widget.ConstraintLayout>

**MainActivity2.class**

package com.example.j045\_advaitmenon;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.AdapterView;  
import android.widget.ArrayAdapter;  
import android.widget.ImageView;  
import android.widget.Spinner;  
import android.widget.TextView;  
  
public class MainActivity2 extends AppCompatActivity {  
  
 TextView textView;  
 Spinner spinner;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 //Intent fired  
 setContentView(R.layout.*activity\_main2*);  
 textView = findViewById(R.id.*textView*);  
 Intent intent = getIntent();  
 Bundle extras = intent.getExtras();  
 String name = extras.getString("name");  
 textView.setText("Hello " + name+ " what would you like to order today?");  
  
 //spinner related code  
  
 spinner = findViewById(R.id.*spinner*);  
 ArrayAdapter<String> adapter = new ArrayAdapter<>(this, android.R.layout.*simple\_list\_item\_1*,  
 getResources().getStringArray(R.array.*Menu*));  
 adapter.setDropDownViewResource(android.R.layout.*simple\_spinner\_dropdown\_item*);  
 spinner.setAdapter(adapter);  
 spinner.setOnItemSelectedListener(new AdapterView.OnItemSelectedListener() {  
 @Override  
 public void onItemSelected(AdapterView<?> parent, View view, int position, long id) {  
 ImageView imageView = findViewById(R.id.*imgView*);  
 String item = String.*valueOf*(spinner.getSelectedItem());  
 if (item.equals("Food Item 1")){  
 imageView.setImageResource(R.drawable.*samosa*);  
 }  
 else if (item.equals("Food Item 2")){  
 imageView.setImageResource(R.drawable.*idli*);  
 }  
 else if (item.equals("Food Item 3")){  
 imageView.setImageResource(R.drawable.*north*);  
 }  
 }  
  
 @Override  
 public void onNothingSelected(AdapterView<?> parent) {  
  
 }  
 });  
 }  
 public void startIntent2(View view){  
 Intent intent2 = new Intent(this, MainActivity3.class);  
 intent2.putExtra("order", String.*valueOf*(spinner.getSelectedItem()));  
 startActivity(intent2);  
 }  
}

**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/textView"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="TextView"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.498"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.449" />  
  
 <ImageView  
 android:layout\_width="165dp"  
 android:layout\_height="191dp"  
 android:src="@drawable/nmims"  
 app:layout\_constraintBottom\_toTopOf="@+id/textView"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.497"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.093" />  
  
 <Spinner  
 android:id="@+id/spinner"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.0"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/textView"  
 app:layout\_constraintVertical\_bias="0.123" />  
  
 <ImageView  
 android:id="@+id/imgView"  
 android:layout\_width="220dp"  
 android:layout\_height="182dp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.497"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/spinner"  
 app:layout\_constraintVertical\_bias="0.4"></ImageView>  
  
 <Button  
 android:id="@+id/button2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Button"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/imgView"  
 android:onClick="startIntent2"/>  
</androidx.constraintlayout.widget.ConstraintLayout>

**MainActivity3.class**

package com.example.j045\_advaitmenon;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.widget.TextView;  
  
public class MainActivity3 extends AppCompatActivity {  
 TextView textView2;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main3*);  
 textView2 = findViewById(R.id.*finalTv*);  
 Intent intent2 = getIntent();  
 Bundle extras2 = intent2.getExtras();  
 String order = extras2.getString("order");  
 textView2.setText("You have ordered "+ order+ ". Thank You!");  
  
 }  
}

**Activity\_main3.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=".MainActivity3">

<ImageView  
 android:layout\_width="165dp"  
 android:layout\_height="191dp"  
 android:src="@drawable/nmims"  
 app:layout\_constraintBottom\_toTopOf="@+id/finalTv"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.192" />

<TextView  
 android:id="@+id/finalTv"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="TextView"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
</androidx.constraintlayout.widget.ConstraintLayout>

(all images were pasted in res>drawables)