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Sub : Mobile App Development

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## Assignment 12

Aim : Create an UI such that, one screen havelist of all the types of cars. On selecting of any car name, next screen should show Car details like : Name, launched date, company name etc.

### ➤ .XML 1

```
➤ <?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    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:layout_marginLeft="25dp"
    android:layout_marginRight="25dp"
    tools:context=".MainActivity">
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_centerHorizontal="true"
        android:text="CAR's INFO"
        android:textSize="40dp"
        android:background="#123"
        android:textColor="#ffff"
        android:textStyle="bold"
        android:fontFamily="serif"
        android:layout_marginTop="50dp"></TextView>

    <ListView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginTop="170dp"
        android:id="@+id/list1"
        android:clickable="true"
        android:entries="@array/list1"></ListView>

</RelativeLayout>
```

### ➤ .XML2

```
➤ <?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    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:layout_marginLeft="40dp"
android:layout_marginRight="40dp"
tools:context=".MainActivity2">

```

```

<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:id="@+id/text1"
    android:textSize="25dp"
    android:layout_marginTop="100dp"></TextView>
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:id="@+id/text2"
    android:layout_below="@+id/text1"
    android:layout_marginTop="40dp"
    android:textSize="25dp"></TextView>
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_below="@+id/text2"
    android:layout_marginTop="40dp"
    android:id="@+id/text3"
    android:textSize="25dp"></TextView>
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:id="@+id/text4"
    android:layout_below="@+id/text3"
    android:layout_marginTop="40dp"
    android:textSize="25dp"></TextView>
<Button
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="FINISH"
    android:id="@+id/b1"
    android:layout_below="@+id/text4"
    android:layout_centerHorizontal="true"
    android:layout_marginTop="80dp"></Button>

```

```

</RelativeLayout>

```



## ➤ .JAVA1

```

➤ <?xml version="1.0" encoding="utf-8"?>
  <RelativeLayout
    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:layout_marginLeft="40dp"
        android:layout_marginRight="40dp"
        tools:context=".MainActivity2">

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:id="@+id/text1"
            android:textSize="25dp"
            android:layout_marginTop="100dp"></TextView>
        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:id="@+id/text2"
            android:layout_below="@+id/text1"
            android:layout_marginTop="40dp"
            android:textSize="25dp"></TextView>
        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_below="@+id/text2"
            android:layout_marginTop="40dp"
            android:id="@+id/text3"
            android:textSize="25dp"></TextView>
        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:id="@+id/text4"
            android:layout_below="@+id/text3"
            android:layout_marginTop="40dp"
            android:textSize="25dp"></TextView>
        <Button
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="FINISH"
            android:id="@+id/b1"
            android:layout_below="@+id/text4"
            android:layout_centerHorizontal="true"
            android:layout_marginTop="80dp"></Button>

    </RelativeLayout>

```



## ➤ .JAVA2

```

➤ package com.example.a11;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;

```

```

import android.widget.TextView;

public class MainActivity2 extends AppCompatActivity {
    TextView txt1, txt2, txt3, txt4;
    Button bt1;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main2);
        Intent i = getIntent();
        String str = i.getStringExtra("car");
        txt1 = (TextView) findViewById(R.id.txt1);
        txt2 = (TextView) findViewById(R.id.txt2);
        txt3 = (TextView) findViewById(R.id.txt3);
        txt4 = (TextView) findViewById(R.id.txt4);

        bt1 = (Button) findViewById(R.id.bt1);

        if (str.equals("0")) {

            txt1.setText("Car Name : AUDI");
            txt2.setText("Car Price : 63,00,000");
            txt3.setText("Launch Date : 08/12/1968");
            txt4.setText("Top Speed : 300kmph");
        }
        if (str.equals("1")) {

            txt1.setText("Car Name : BMW");
            txt2.setText("Car Price : 9,00,000");
            txt3.setText("Launch Date : 01/08/2000");
            txt4.setText("Top Speed : 210kmph");
        }
        if (str.equals("2")) {

            txt1.setText("Car Name : BUGATI");
            txt2.setText("Car Price : 2,50,00,000");
            txt3.setText("Launch Date : 05/08/1995");
            txt4.setText("Top Speed : 250kmph");
        }
        if (str.equals("3")) {

            txt1.setText("Car Name : FERRARI");
            txt2.setText("Car Price : 22,00,000");
            txt3.setText("Launch Date : 03/09/1977");
            txt4.setText("Top Speed : 240kmph");
        }
        if (str.equals("4")) {

            txt1.setText("Car Name : FORD");
            txt2.setText("Car Price : 20,99,999");
            txt3.setText("Launch Date : 03/01/1880");
            txt4.setText("Top Speed : 180kmph");
        }
        if (str.equals("5")) {

            txt1.setText("Car Name : MERCEDES");
            txt2.setText("Car Price : 41,00,000");

```

```

        txt3.setText("Launch Date : 01/01/1998");
        txt4.setText("Top Speed : 320kmph");
    }
    if (str.equals("6")) {

        txt1.setText("Car Name : MARUTI");
        txt2.setText("Car Price : 10,00,000");
        txt3.setText("Launch Date : 04/04/1956");
        txt4.setText("Top Speed : 240kmph");
    }
    bt1.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View view) {
            finish();
            System.exit(0);
        }
    });
}
}

```

## ➤ String

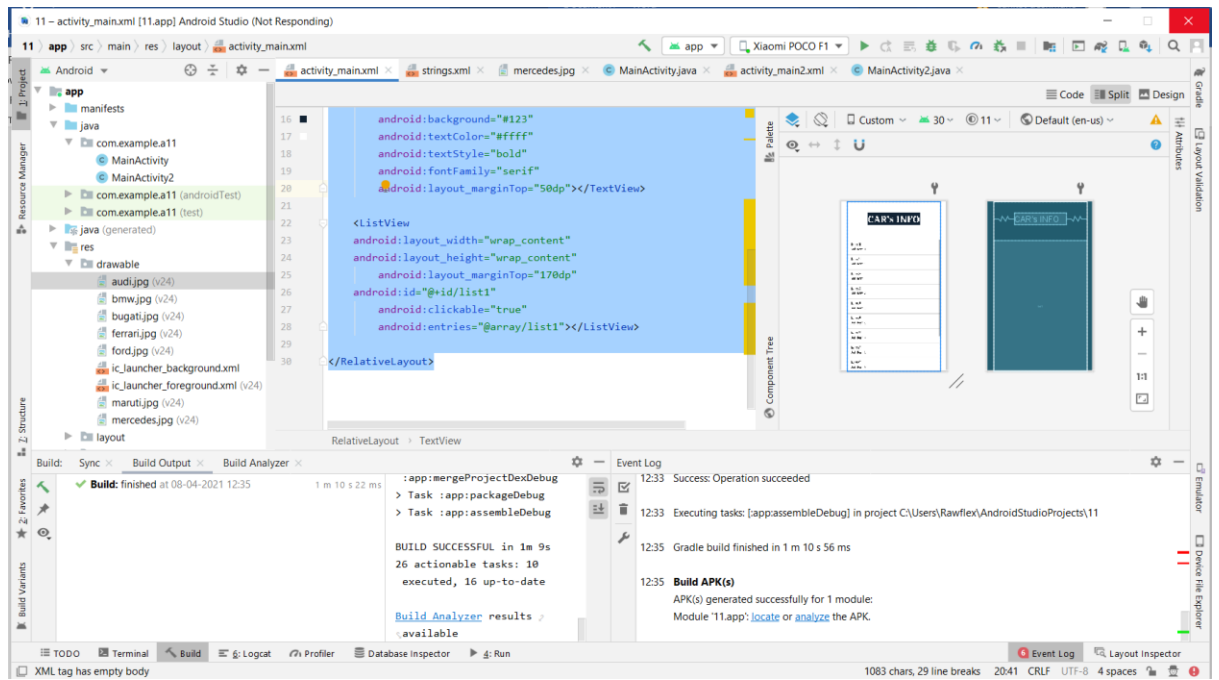
```

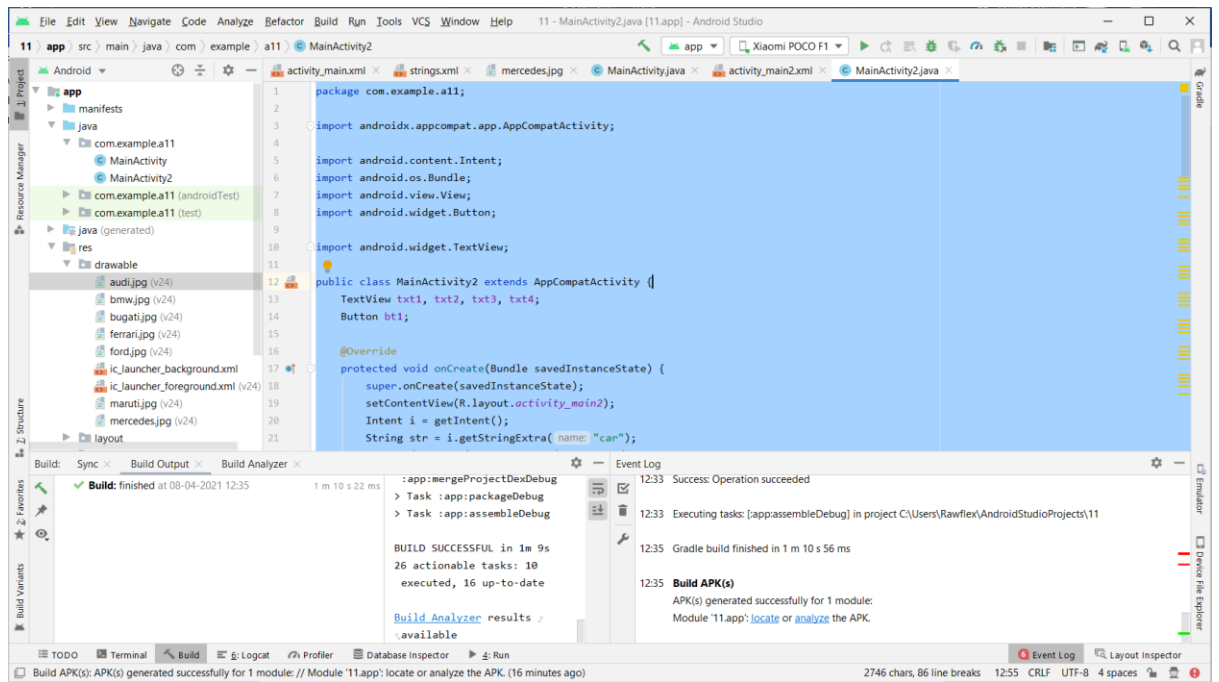
➤ <resources>
    <string name="app_name">11</string>
    <string-array name="list1">
        <item>AUDI</item>
        <item>BMW</item>
        <item>BUGATI</item>
        <item>FERRARI</item>
        <item>FORD</item>
        <item>MERCEDES</item>
        <item>MARUTI</item>
    </string-array>
    <string name="t1">

    </string>
</resources>

```

## ➤ SCREENSHOTS





12:42

4G+ 47

11

Car Name : BUGATI

Car Price : 2,50,00,000

Launch Date : 05/08/1995

Top Speed : 250kmph

FINISH



12:42

4G+ 47

11

Car Name : AUDI

Car Price : 63,00,000

Launch Date : 08/12/1968

Top Speed : 300kmph

FINISH

# CAR's INFO

AUDI

---

BMW

---

BUGATI

---

FERRARI

---

FORD

---

MERCEDES

---

MARUTI