

## Assignment:-5

### 5. Understanding of UI :

- a. Create an UI such that , one fragment of screen have list of all the types of cars.
- b. On selecting of any car name, second fragment of screen should show Car details like name , launched date , company name,images(using gallery) if available, show different colors in which it is available.

Ans:- The Code For the Above programme:-

#### MainActivity.java

```
package com.example.rakes.tutorialno_05;
```

```
import android.support.v7.app.AppCompatActivity;  
import android.os.Bundle;  
import android.util.Log;  
import android.view.View;  
import android.widget.AdapterView;  
import android.widget.AdapterView.OnItemClickListener;  
import android.widget.ArrayAdapter;  
import android.widget.ImageView;  
import android.widget.Spinner;  
import android.widget.TextView;  
import android.widget.Toast;
```

```
import java.util.jar.Attributes;
```

```
public class MainActivity extends AppCompatActivity implements AdapterView.OnItemClickListener{
```

```
    String[] Car = {"Select","r","t","d","m"};
```

```
    private Spinner spinner;  
    private ImageView img;  
    private TextView Name,Launch_Date,Company_Name;
```

```
    protected void onCreate(Bundle savedInstanceState) {  
        super.onCreate(savedInstanceState);  
        setContentView(R.layout.activity_main);
```

```
        spinner = (Spinner) findViewById(R.id.spinner);  
        img = (ImageView) findViewById(R.id.imageView);  
        Name = (TextView) findViewById(R.id.textView);  
        Launch_Date=(TextView) findViewById(R.id.textView2);  
        Company_Name=(TextView) findViewById(R.id.textView3);
```

```
        ArrayAdapter a = new ArrayAdapter(this, android.R.layout.simple_spinner_item, Car);  
        a.setDropDownViewResource(android.R.layout.simple_spinner_item);  
        spinner.setAdapter(a);
```

```
spinner.setOnItemClickListener(new AdapterView.OnItemClickListener() {  
    @Override  
    public void onItemClick(AdapterView<?> parent, View view, int i, long id) {  
  
        Log.e("item selected",Car[i]);  
        if(Car[i].equals("Select"))  
  
            img.setImageResource(R.drawable.ic_launcher_background);  
  
        if(Car[i].equals("d"))  
  
        {  
            Log.e("item selected",Car[i]);  
            img.setImageResource(R.drawable.d);  
            Name.setText("Name:-Discovery");  
            Launch_Date.setText("Launch_Date:-1989");  
            Company_Name.setText("Company_Name:-Land Rover");  
  
        }  
        if(Car[i].equals("m"))  
  
        {  
  
            img.setImageResource(R.drawable.m);  
            Name.setText("Name:-Mercedes-Benz");  
            Launch_Date.setText("Launch Date:-28 June 1926");  
            Company_Name.setText("Company Name:-Mercedes-Benz");  
  
        }  
        if(Car[i].equals("r"))  
  
        {  
  
            img.setImageResource(R.drawable.r);  
            Name.setText("Name:-Renault Kwid ");  
            Launch_Date.setText("Launch Date:-19 October 2016");  
            Company_Name.setText("Company Name:-Renault");  
  
        }  
        if(Car[i].equals("t"))  
  
        {  
  
            img.setImageResource(R.drawable.t);
```

```

        Name.setText("Name:-Toyota ");
        Launch_Date.setText("Launch Date:-August 28, 1937");
        Company_Name.setText("Company Name:-Toyota Motor Corporation");

    }

}

@Override
public void onNothingSelected(AdapterView<?> parent) {

}

});

}

@Override
public void onItemSelected(AdapterView<?> parent, View view, int i, long id) {

}

@Override
public void onNothingSelected(AdapterView<?> parent) {

}

}

```

### Activity\_main.xml

```

<?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"
    tools:context=".MainActivity">
    <Spinner
        android:id="@+id/spinner"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_alignParentStart="true"
        android:layout_alignParentTop="true"
        android:layout_marginTop="23dp" />
    <ImageView
        android:id="@+id/imageView"
        android:layout_width="257dp"
        android:layout_height="251dp"

```

```

        android:layout_alignParentTop="true"
        android:layout_centerHorizontal="true"
        android:layout_marginTop="58dp" />
<TextView
    android:id="@+id/textView"
    android:layout_width="261dp"
    android:layout_height="38dp"
    android:layout_alignParentBottom="true"
    android:layout_alignStart="@+id/imageView"
    android:layout_marginBottom="130dp" />
<TextView
    android:id="@+id/textView2"
    android:layout_width="268dp"
    android:layout_height="35dp"
    android:layout_alignParentBottom="true"
    android:layout_alignStart="@+id/imageView"
    android:layout_marginBottom="80dp" />
<TextView
    android:id="@+id/textView3"
    android:layout_width="269dp"
    android:layout_height="36dp"
    android:layout_alignParentBottom="true"
    android:layout_alignStart="@+id/imageView"
    android:layout_marginBottom="25dp" />
</RelativeLayout>

```

### The OutPut:-

