Assignment:-5

- 5. <u>Understanding of UI:</u>
- 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.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.OnItemSelectedListener{
 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);
```

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```
spinner.setOnItemSelectedListener(new AdapterView.OnItemSelectedListener() {
  @Override
  public void onItemSelected(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);
```

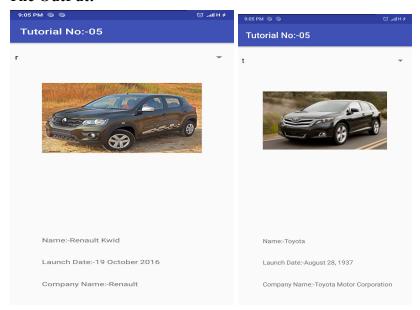
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```
Name.setText("Name:-Toyota ");
         Launch_Date.setText("Launch Date:-August 28, 1937");
         Company_Name.setText("Company Name:-Toyota Motor Corporation");
       }
     }
     @Override
     public void onNothingSelected(AdapterView<?> 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"</p>
 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"
```

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```
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:-



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