

Assignment:-4

Q.4 Create an application that will show List of Countries in One Fragment , and on selecting one,country, second fragment should be displayed with name selected country and its flag?

Ans:- The code for the above programme

MainActivity.java

```
package com.example.rakes.myapplication;
```

```
import android.support.v7.app.AppCompatActivity;  
import android.os.Bundle;  
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.Toast;
```

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

```
String[] country = {"select","India","Nepal","pakistan","china","Australia"};
```

```
private Spinner myspinner;  
private ImageView img;
```

```
@Override
```

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

```
myspinner = (Spinner)findViewById(R.id.spinner);  
img = (ImageView)findViewById(R.id.imageView);  
myspinner.setOnItemClickListener(this);
```

```
ArrayAdapter aa = new ArrayAdapter(this,android.R.layout.simple_spinner_item,country);
```

```
aa.setDropDownViewResource(android.R.layout.simple_spinner_dropdown_item);
```

```
myspinner.setAdapter(aa);
```

```
}
```

```
@Override
```

```
public void onItemClick(AdapterView<?> parent, View view, int i, long id) {
```

```
Toast.makeText(getApplicationContext(),country[i],Toast.LENGTH_LONG).show();
```

```
if(country[i].equals("select"))
{    img.setImageResource(R.drawable.ic_launcher_background);    }
if(country[i].equals("India"))
{    img.setImageResource(R.drawable.india);    }
if(country[i].equals("Nepal"))
{    img.setImageResource(R.drawable.n);    }
if(country[i].equals("pakistan"))
{    img.setImageResource(R.drawable.p);    }
if(country[i].equals("china"))
{    img.setImageResource(R.drawable.china);    }
if(country[i].equals("Australia"))
{    img.setImageResource(R.drawable.a);    }

}
@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"
        tools:layout_editor_absoluteX="8dp"
        tools:layout_editor_absoluteY="53dp" />

    <ImageView
        android:id="@+id/imageView"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_centerInParent="true"
        app:srcCompat="@drawable/n" />
```

</RelativeLayout>

The Output:-

