**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.ArrayAdapter;

import android.widget.ImageView;

import android.widget.Spinner;

import android.widget.Toast;

public class MainActivity extends AppCompatActivity implements AdapterView.OnItemSelectedListener {

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.setOnItemSelectedListener(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 onItemSelected(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:-

