***Experiment No. \_\_***

***Q\_\_ -> Wap for a multipe Question Quiz App ??***

Sol -

**Activity Main.xml**

*<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"*

*xmlns:tools="http://schemas.android.com/tools"*

*android:layout\_width="match\_parent"*

*android:layout\_height="match\_parent"*

*android:paddingBottom="@dimen/activity\_vertical\_margin"*

*android:paddingLeft="@dimen/activity\_horizontal\_margin"*

*android:paddingRight="@dimen/activity\_horizontal\_margin"*

*android:paddingTop="@dimen/activity\_vertical\_margin"*

*tools:context=".MainActivity" >*

*<TextView*

*android:id="@+id/textView1"*

*android:layout\_width="wrap\_content"*

*android:layout\_height="wrap\_content"*

*android:text="Q1 - Where is tajmahal located ??" />*

*<Button*

*android:id="@+id/btnSubmit"*

*android:layout\_width="wrap\_content"*

*android:layout\_height="wrap\_content"*

*android:layout\_alignParentBottom="true"*

*android:layout\_centerHorizontal="true"*

*android:layout\_marginBottom="42dp"*

*android:text="Submit" />*

*<RadioGroup*

*android:id="@+id/rgOpinion"*

*android:layout\_width="wrap\_content"*

*android:layout\_height="wrap\_content"*

*android:layout\_alignParentLeft="true"*

*android:layout\_alignParentRight="true"*

*android:layout\_below="@+id/textView1"*

*android:layout\_marginTop="25dp" >*

*<RadioButton*

*android:id="@+id/radio0"*

*android:layout\_width="wrap\_content"*

*android:layout\_height="wrap\_content"*

*android:text="India" />*

*<RadioButton*

*android:id="@+id/radio1"*

*android:layout\_width="wrap\_content"*

*android:layout\_height="wrap\_content"*

*android:text="Pakistan" />*

*<RadioButton*

*android:id="@+id/radio2"*

*android:layout\_width="wrap\_content"*

*android:layout\_height="wrap\_content"*

*android:text="USA" />*

*<RadioButton*

*android:id="@+id/radio3"*

*android:layout\_width="wrap\_content"*

*android:layout\_height="wrap\_content"*

*android:text="UK" />*

*</RadioGroup>*

*</RelativeLayout>*

***Activity Second.xml***

<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:tools="http://schemas.android.com/tools"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:paddingBottom="@dimen/activity\_vertical\_margin"

android:paddingLeft="@dimen/activity\_horizontal\_margin"

android:paddingRight="@dimen/activity\_horizontal\_margin"

android:paddingTop="@dimen/activity\_vertical\_margin"

tools:context=".SecondActivity" >

<TextView

android:id="@+id/textView1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Q2 - What is the capital of srilanka??" />

<Button

android:id="@+id/btnSubmit"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignParentBottom="true"

android:layout\_centerHorizontal="true"

android:layout\_marginBottom="42dp"

android:text="Submit" />

<RadioGroup

android:id="@+id/rgOpinion"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignParentLeft="true"

android:layout\_alignParentRight="true"

android:layout\_below="@+id/textView1"

android:layout\_marginTop="25dp" >

<RadioButton

android:id="@+id/radio0"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Delhi" />

<RadioButton

android:id="@+id/radio1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Colombo" />

<RadioButton

android:id="@+id/radio2"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="London" />

<RadioButton

android:id="@+id/radio3"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Karachi" />

</RadioGroup>

</RelativeLayout>

***Main Activity.java***

*package com.mohit.quiznewapp;*

*import android.os.Bundle;*

*import android.app.Activity;*

*import android.content.Intent;*

*import android.view.Menu;*

*import android.view.View;*

*import android.view.View.OnClickListener;*

*import android.widget.Button;*

*import android.widget.RadioButton;*

*import android.widget.RadioGroup;*

*import android.widget.Toast;*

*public class MainActivity extends Activity implements OnClickListener {*

*RadioGroup rg;*

*Button b;*

*int count = 0;*

*@Override*

*protected void onCreate(Bundle savedInstanceState) {*

*super.onCreate(savedInstanceState);*

*setContentView(R.layout.activity\_main);*

*rg = (RadioGroup) findViewById(R.id.rgOpinion);*

*b = (Button) findViewById(R.id.btnSubmit);*

*b.setOnClickListener(this);*

*}*

*@Override*

*public void onClick(View view) {*

*RadioButton rb = (RadioButton) findViewById(rg.getCheckedRadioButtonId());*

*String s = rb.getText().toString();*

*if(s.equals("India")) {*

*Toast.makeText(this, "Correct Answer", Toast.LENGTH\_LONG).show();*

*count++;*

*}*

*else*

*Toast.makeText(this, "Incorrect Answer", Toast.LENGTH\_LONG).show();*

*Intent i = new Intent(this, SecondActivity.class);*

*i.putExtra("count", count);*

*startActivity(i);*

*}*

*@Override*

*public boolean onCreateOptionsMenu(Menu menu) {*

*// Inflate the menu; this adds items to the action bar if it is present.*

*getMenuInflater().inflate(R.menu.main, menu);*

*return true;*

*}}*

***Second Activity.java***

package com.mohit.quiznewapp;

import android.os.Bundle;

import android.app.Activity;

import android.view.Menu;

import android.view.View;

import android.view.View.OnClickListener;

import android.widget.Button;

import android.widget.RadioButton;

import android.widget.RadioGroup;

import android.widget.Toast;

public class SecondActivity extends Activity implements OnClickListener {

int count;

RadioGroup rg;

Button b;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_second);

rg = (RadioGroup) findViewById(R.id.rgOpinion);

b = (Button) findViewById(R.id.btnSubmit);

count = getIntent().getExtras().getInt("count");

b.setOnClickListener(this);

}

@Override

public void onClick(View view) {

RadioButton rb = (RadioButton) findViewById(rg.getCheckedRadioButtonId());

String s = rb.getText().toString();

if(s.equals("Colombo")) {

Toast.makeText(this, "Correct Answer", Toast.LENGTH\_LONG).show();

count++;

Toast.makeText(this, "Your score = " + count, Toast.LENGTH\_LONG).show();

}

else {

Toast.makeText(this, "Incorrect Answer", Toast.LENGTH\_LONG).show();

Toast.makeText(this, "Your score = " + count, Toast.LENGTH\_LONG).show();

}

}

@Override

public boolean onCreateOptionsMenu(Menu menu) {

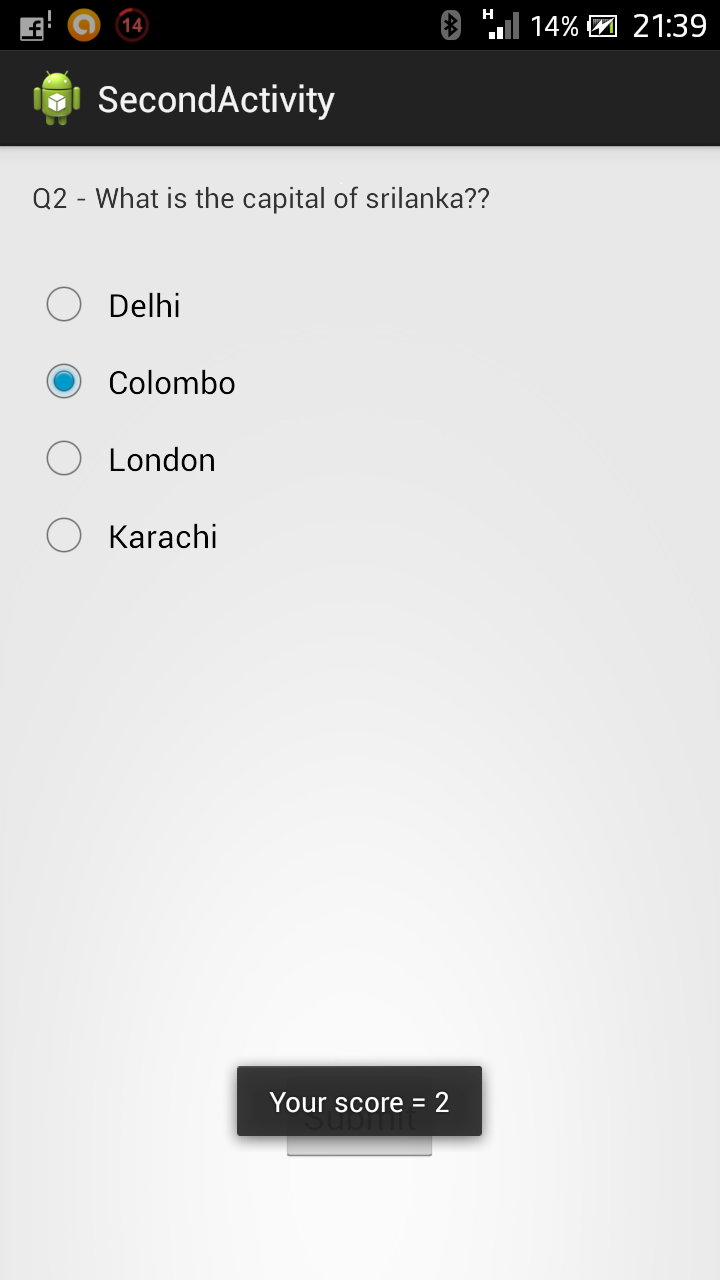
// Inflate the menu; this adds items to the action bar if it is present.

getMenuInflater().inflate(R.menu.second, menu);

return true;

}

*}*

****