MainActivity.java

**package** com.example.regform;

**import** androidx.appcompat.app.AppCompatActivity;

**import** android.content.Intent;

**import** android.os.Bundle;

**import** android.view.View;

**import** android.widget.AdapterView;

**import** android.widget.ArrayAdapter;

**import** android.widget.Button;

**import** android.widget.CheckBox;

**import** android.widget.RadioGroup;

**import** android.widget.Spinner;

**import** android.widget.Toast;

**import** java.util.ArrayList;

**public class** MainActivity **extends** AppCompatActivity {

CheckBox **c1** , **c2** , **c3**;

RadioGroup **radioGroup**;

String **qual** = **""**, **gender** = **""**, **subjectSelected** = **""**;

Spinner **spinner**;

ArrayList<String> **arrSubjects** = **new** ArrayList<>(); *//list that'll be shown in the spinner during the drop down action*

@Override

**protected void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

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

Button button = findViewById(R.id.***submit***);

**radioGroup** = findViewById(R.id.***radios***);

**spinner** = findViewById(R.id.***subjects***);

*//adding subjects in the array list*

**arrSubjects**.add(**"Mathematics"**);

**arrSubjects**.add(**"Physics"**);

**arrSubjects**.add(**"Chemistry"**);

*//implementing an ArrayAdapter*

ArrayAdapter<String> spinnerAdapter = **new** ArrayAdapter<>(getApplicationContext(), android.R.layout.***simple\_dropdown\_item\_1line***, **arrSubjects**);

**spinner**.setAdapter(spinnerAdapter);

**spinner**.setOnItemSelectedListener(**new** AdapterView.OnItemSelectedListener() {

@Override

**public void** onItemSelected(AdapterView<?> adapterView, View view, **int** position, **long** l) {

**if**(position == 1){

*//mathematics is selected*

**subjectSelected** = **"Mathematics"**;

}

**else if**(position == 2){

**subjectSelected** = **"Physics"**;

}

**else**{

**subjectSelected** = **"Chemistry"**;

}

}

@Override

**public void** onNothingSelected(AdapterView<?> adapterView) {

**subjectSelected** = **""**;

}

});

button.setOnClickListener(**new** View.OnClickListener(){

@Override

**public void** onClick(View view){

**c1** = findViewById(R.id.***BE***);

**c2** = findViewById(R.id.***MBA***);

**c3** = findViewById(R.id.***PHD***);

**if**(**c1**.isChecked()){

**qual** = **"BE"**;

}

**if**(**c2**.isChecked()){

**qual** = **"MBA"**;

}

**if**(**c3**.isChecked()){

**qual** = **"PhD"**;

}

*//i need to find the button that is checked in the radiogroup*

**int** id = **radioGroup**.getCheckedRadioButtonId();

Button checkedRadio = findViewById(id);

**gender** = checkedRadio.getText().toString();

Intent i = **new** Intent(MainActivity.**this**, MainActivity2.**class**);

**if**(**qual**.equals(**""**) || **subjectSelected**.equals(**""**) || **gender**.equals(**""**)){

Toast toast = Toast.*makeText*(getApplicationContext(), **"Can not leave any field unattended"**, Toast.***LENGTH\_SHORT***);

toast.show();

}

**else**{

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

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

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

startActivity(i);

}

}

});

}

}

Activity\_main.xml

*<?***xml version="1.0" encoding="utf-8"***?>*

<**LinearLayout 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"**

**android:orientation="vertical"**

**tools:context=".MainActivity"**>

<**LinearLayout**

**android:orientation="vertical"**

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

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

>

<**TextView**

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

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

**android:text="Select the subject"**/>

<**Spinner**

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

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

**android:id="@+id/subjects"** />

</**LinearLayout**>

<**TextView**

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

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

**android:text="Select your gender"**/>

<**RadioGroup**

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

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

**android:id="@+id/radios"**>

<**RadioButton**

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

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

**android:text="Gender1"**

**android:id="@+id/gender1"**/>

<**RadioButton**

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

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

**android:text="Gender2"**

**android:id="@+id/gender2"**/>

<**RadioButton**

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

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

**android:text="Gender3"**

**android:id="@+id/gender3"**/>

</**RadioGroup**>

<**TextView**

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

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

**android:text="Select your highest qualification"**/>

<**CheckBox**

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

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

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

**android:text="BE"**/>

<**CheckBox**

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

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

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

**android:text="MBA"**/>

<**CheckBox**

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

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

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

**android:text="PhD"**/>

<**Button**

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

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

**android:text="Submit"**

**android:id="@+id/submit"**/>

</**LinearLayout**>

MainActivity2.java

**package** com.example.regform;

**import** androidx.appcompat.app.AppCompatActivity;

**import** android.os.Bundle;

**import** android.widget.TextView;

**import** org.w3c.dom.Text;

**public class** MainActivity2 **extends** AppCompatActivity {

@Override

**protected void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_main2***);

TextView tv = findViewById(R.id.***tv***);

String data1 = getIntent().getStringExtra(**"qual"**);

String data2 = getIntent().getStringExtra(**"gender"**);

String data3 = getIntent().getStringExtra(**"subjectSelected"**);

tv.setText(**"Your choice of subject is : "** + data3 + **", Your gender is : "** + data2 + **", Qualification is : "** + data1);

}

}

Activity\_main2.xml

*<?***xml version="1.0" encoding="utf-8"***?>*

<**androidx.constraintlayout.widget.ConstraintLayout 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=".MainActivity2"**>

<**TextView**

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

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

**android:text=""**

**android:id="@+id/tv"**/>

</**androidx.constraintlayout.widget.ConstraintLayout**>