

IN MANIFEST AFTER ACTIVITY

```
<activity
    android:name=".ShowActivity"/>
</application>
```

activity_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"

    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:gravity="center"
    android:padding="20dp"
    android:orientation="vertical">

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Enter Your Name"
        android:textSize="18sp"
        android:textColor="@color/black"
        android:layout_marginBottom="8dp"/>

    <EditText
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:id="@+id/name"
        android:inputType="text"
        android:hint="Enter Your Name"
        android:textSize="18sp"
        android:textColor="@color/black"
        android:padding="10dp"
        android:layout_marginBottom="16dp"/>

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Select Your Subject"
        android:textSize="18sp"
        android:textColor="@color/black"
        android:layout_marginBottom="8dp"/>

    <Spinner
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:id="@+id/subject"
        android:layout_marginBottom="16dp"/>
```

```
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Select Your Gender"
    android:textSize="18sp"
    android:textColor="@color/black"
    android:layout_marginBottom="8dp"/>

<RadioGroup
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:id="@+id/gender"
    android:layout_marginBottom="16dp"
    android:orientation="horizontal"
    android:gravity="center">

    <RadioButton
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:id="@+id/male"
        android:text="Male"
    />

    <RadioButton
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:id="@+id/female"
        android:text="Female"
    />

    <RadioButton
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:id="@+id/other"
        android:text="Other"
    />
</RadioGroup>

<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"

    android:orientation="vertical">
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Select Your Qualification"
        android:textSize="18sp"
        android:textColor="@color/black"
        android:layout_gravity="center"
```

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        android:layout_marginBottom="8dp"/>
<CheckBox
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Diploma"
    android:id="@+id/diploma"/>
<CheckBox
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Graduate"
    android:id="@+id/grad"/>
<CheckBox
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Post Graduate"
    android:id="@+id/pg"/>
</LinearLayout>
<Button
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:id="@+id/submit"
    android:text="Submit"
    />

</LinearLayout>

```

activity_show.xml

```

<LinearLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    android:gravity="center"
    android:padding="20dp">
    <TextView android:id="@+id/showDataTextView"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"

        android:textSize="18sp"
        />
    <Button
        android:id="@+id/btnLogout"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Logout"
        android:textSize="18sp"
    />

```

```
        android:padding="10dp"
        android:textColor="@color/white"
        android:layout_marginTop="20dp"
        android:onClick="onClick" />
</LinearLayout>
```

MainActivity.java

```
package com.example.ad4m;

import android.annotation.SuppressLint;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.AdapterView;
import android.widget.Button;
import android.widget.CheckBox;
import android.widget.EditText;
import android.widget.RadioButton;
import android.widget.RadioGroup;
import android.widget.Spinner;

import androidx.activity.EdgeToEdge;
import androidx.appcompat.app.AppCompatActivity;

public class MainActivity extends AppCompatActivity {
    EditText name;
    Spinner subject;
    RadioGroup gender;
    CheckBox diploma, grad, pg;
    Button submit;

    @SuppressLint("MissingInflatedId")
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        EdgeToEdge.enable(this);
        setContentView(R.layout.activity_main);

        name = findViewById(R.id.name);
        subject = findViewById(R.id.subject);
        gender = findViewById(R.id.gender);
        diploma = findViewById(R.id.diploma);
        grad = findViewById(R.id.grad);
        pg = findViewById(R.id.pg);
        submit = findViewById(R.id.submit);

        ArrayAdapter<String> adapter = new ArrayAdapter<>(this,
            android.R.layout.simple_spinner_item,
```

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        new String[]{"java", "dbm", "c++", "python"});

adapter.setDropDownViewResource(android.R.layout.simple_spinner_dropdown_item);
subject.setAdapter(adapter);

submit.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {

        String nm = name.getText().toString().trim();

        if(nm.isEmpty() || !nm.matches("[a-zA-Z]+")){
            name.setError("Please enter a valid name ");
            return;
        }
        String sub = subject.getSelectedItem().toString();
        int genderid = gender.getCheckedRadioButtonId();
        String g = genderid != -1 ? ((RadioButton)
findViewById(genderid)).getText().toString() : "not selected";

        StringBuilder qual = new StringBuilder();

        if(grad.isChecked()) {
            qual.append("Graduate");
            qual.append("\t");
        }
        if(diploma.isChecked()) {

            qual.append("Diploma");
            qual.append("\t");
        }
        if(pg.isChecked()) {

            qual.append("Post Graduate");
        }

        Intent intent = new Intent(MainActivity.this,
ShowActivity.class);
        intent.putExtra("name", nm);
        intent.putExtra("subject", sub);
        intent.putExtra("gender", g);
        intent.putExtra("qual", qual.toString());
        startActivity(intent);
    }
});
}
}

```

ShowActivity.java

```

package com.example.ad4m;
import android.annotation.SuppressLint;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;

import androidx.activity.EdgeToEdge;

import android.widget.TextView;

import androidx.appcompat.app.AppCompatActivity;

public class ShowActivity extends AppCompatActivity {

    @SuppressWarnings("SetTextI18n")
    @Override

    public void onCreate(Bundle savedInstanceState) {

        super.onCreate(savedInstanceState);
        EdgeToEdge.enable(this);
        setContentView(R.layout.activity_show);

        @SuppressWarnings({"MissingInflatedId", "LocalSuppress"}) TextView
data = findViewById(R.id.showDataTextView);
        String name = getIntent().getStringExtra("name");
        String subject = getIntent().getStringExtra("subject");
        String gender = getIntent().getStringExtra("gender");
        String qual = getIntent().getStringExtra("qual");

        data.setText("Name :" + name + "\n" +
            "Subject: " + subject + "\n" +
            "Gender: " + gender + "\n" +
            "Qualifications: " + qual);
    }
    public void onClick(View v){
        Intent intent = new Intent(ShowActivity.this,
MainActivity.class);
        intent.setFlags(Intent.FLAG_ACTIVITY_NEW_TASK |
            Intent.FLAG_ACTIVITY_CLEAR_TASK);
        startActivity(intent);
        finish();
    }
}

```