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2.Design an application for student registration using different

options AIM: Creating Student Registration Application Choosing

Options

> (i) CheckBox
> (ii) RadioButton
> (iii) RadioGroup
> (iv) Spinner

Procedure:

activity_main.xml:

```xml
<ScrollView
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    xmlns:android="http://schemas.android.com/apk/res/android" >


    <LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
        xmlns:tools="http://schemas.android.com/tools"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"

        tools:context=".MainActivity"
        android:orientation="vertical">

        <ImageView

            android:id="@+id/imageView1"
            android:layout_width="match_parent"
            android:layout_height="wrap_content
            " android:gravity="center"
            android:src="@drawable/srit"/>


        <EditText

            android:id="@+id/sname"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:hint="Please Enter Your Name"
            android:textColor="#0000FF"
```

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```xml
        android:textSize="20sp"
        android:textStyle="bold|italic"
        android:textColorHint="#FF0000"
        android:inputType="text"/>
<EditText
        android:id="@+id/cname"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="Please Enter Your College Name"
        android:textColor="#0000FF"
        android:textSize="20sp" android:textStyle="bold|
        italic" android:textColorHint="#FF0000"
        android:inputType="text"/>
<EditText
        android:id="@+id/Ename"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="Please Enter Your e-mail"
        android:textColor="#0000FF"
        android:textSize="20sp"
        android:textStyle="bold|italic"
        android:textColorHint="#FF0000"/><EditTe
        xt
        android:id="@+id/sno"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="Please Enter Your Mobile Number"
        android:textColor="#0000FF"
        android:textSize="20sp" android:textStyle="bold|
        italic" android:textColorHint="#FF0000"
        android:inputType="phone"/>

<TextView
```

```
    android:id="@+id/gender"
    android:layout_width="match_parent"
```

Android Application Development

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```
        android:layout_height="wrap_content
        " android:text="Gender"
        android:textColor="#0000FF"
        android:textSize="20sp"
        android:textStyle="bold|italic"/>
    <RadioGroup
        android:id="@+id/rg"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content/>

        <RadioButton
            android:id="@+id/rb1"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content
            " android:text="Male"/>

        <RadioButton
            android:id="@+id/rb2"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content
            " android:text="Female"/>

    </RadioGroup>

    <TextView
        android:id="@+id/branch"
        android:layout_width="match_parent"
        android:layout_height="wrap_content
        " android:text="Branch"
        android:textColor="#0000FF"
        android:textSize="20sp"
        android:textStyle="bold|italic"/>
```

```xml
    <Spinner
```

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```xml
        android:id="@+id/branch2"
        android:entries="@array/branch2"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"/>

    <TextView
        android:id="@+id/yos"
        android:layout_width="match_parent"
        android:layout_height="wrap_content
" android:text="Skill Set"
        android:textColor="#0000FF"
        android:textSize="20sp"
        android:textStyle="bold|italic"/><CheckBox
        android:id="@+id/checkBox1"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content
" android:text="Android"/>

    <CheckBox
        android:id="@+id/checkBox2"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content
" android:text="Python"/>

    <CheckBox
        android:id="@+id/checkBox3"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content
" android:text="AI and ML"/>
```

```xml
        <Button

            android:id="@+id/btn"
            android:layout_width="wrap_content"


    android:layout_height="wrap_content
            " android:text="Submit"
            android:layout_gravity="center"
            android:textSize="20sp"
            android:onClick="submitdata"/>


        <TextView

            android:id="@+id/res"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="Display Results here..."
            android:textColor="#E91E63"
            android:textSize="20sp"
            android:textStyle="bold|italic"/>
    </LinearLayout>
</ScrollView>
```

Strings.xml
```xml
<resources>
    <string name="app_name">StudentRegistry</string>
    <string-array name="branch2">

        <item >CSE</item>
        <item >ECE</item>
        <item >CSE-ALML</item>
    </string-array>


</resources>
```

MainActivity.java

```java
package com.example.studentregistry;
import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.EditText;
import android.widget.TextView;

public class MainActivity extends AppCompatActivity {
```

```java
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
    }
    public void submitdata(View view){
        EditText et_name=(EditText)findViewById(R.id.sname);
        EditText et_cname=(EditText)findViewById(R.id.cname);
        EditText email=(EditText)findViewById(R.id.Ename);
        EditText phone=(EditText)findViewById(R.id.sno);
        TextView tv_res=(TextView)findViewById(R.id.res);

tv_res.setText(""+et_name.getText().toString()+"\n"+et_cname.getText().toString()
+"\n"+email.getText().toString()+"\n"+phone.getText().toString());
    }

}
```

Please Enter Your Name

Please Enter Your College Name

Please Enter Your e-mail

Please Enter Your Mobile Number

Gender

○ Male

○ Female

Branch

CSE

Skill Set

☐ Android

☐ Python

☐ AI and ML

Submit

Display Results here...

V Praneesha

SRIT

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7013457633

Gender

○ Male

◉ Female

Branch

CSE

Skill Set

☑ Android

☑ Python

☑ AI and ML

Submit

Display Results here...

V Praneesha

SRIT

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7013457633

Gender

○ Male

◉ Female

Branch

CSE

Skill Set

☑ Android

☑ Python

☑ AI and ML

Submit

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☐