



Roll No:224g1a0573 Name :V Praneesha Page No : 1

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:

<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"



```
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"/>
```

<Spinner

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```
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"/><Chec
kBox
```

```
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"/>
```

```

        <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

```

<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

```




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 {

```

@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	V Praneesha	V Praneesha
Please Enter Your College Name	SRIT	SRIT
Please Enter Your e-mail	224g1a0573@srit.ac.in	224g1a0573@srit.ac.in
Please Enter Your Mobile Number	7013457633	7013457633
Gender <input type="radio"/> Male <input type="radio"/> Female	Gender <input type="radio"/> Male <input checked="" type="radio"/> Female	Gender <input type="radio"/> Male <input checked="" type="radio"/> Female
Branch CSE	Branch CSE	Branch CSE
Skill Set <input type="checkbox"/> Android <input type="checkbox"/> Python <input type="checkbox"/> AI and ML	Skill Set <input checked="" type="checkbox"/> Android <input checked="" type="checkbox"/> Python <input checked="" type="checkbox"/> AI and ML	Skill Set <input checked="" type="checkbox"/> Android <input checked="" type="checkbox"/> Python <input checked="" type="checkbox"/> AI and ML
Submit	Submit	Submit
Display Results here...	Display Results here...	V Praneesha SRIT 224g1a0573@srit.ac.in 7013457633

