# **Internship Day-2**

Task: Login Form Application

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#### MainActivity.java

```
package com.example.loginformapplication;
import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;
import android.text.InputType;
import android.widget.CheckBox;
import android.widget.CompoundButton;
import android.widget.EditText;
public class MainActivity extends AppCompatActivity {
    EditText edit email;
    EditText edit password;
    CheckBox showPassword;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity main);
        edit_email = findViewById(R.id.edit_email);
        edit password = findViewById(R.id.edit password);
        showPassword = (CheckBox) findViewById(R.id.show password);
        showPassword.setOnCheckedChangeListener(new
CompoundButton.OnCheckedChangeListener() {
            @Override
            public void onCheckedChanged(CompoundButton buttonView,
boolean isChecked) {
                if (isChecked)
                    edit_password.setInputType(InputType.TYPE_CLASS_TEXT |
InputType.TYPE_TEXT_VARIATION_VISIBLE_PASSWORD);
                else {
                    edit password.setInputType(InputType.TYPE CLASS TEXT |
InputType.TYPE_TEXT_VARIATION_PASSWORD);
        });
    }
}
```

### activity\_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout</pre>
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:background="@drawable/bg"
    tools:context=".MainActivity">
    <LinearLayout</pre>
        android:id="@+id/linearLayoutId"
        android:layout width="326dp"
        android:layout height="422dp"
        android:orientation="vertical"
        app:layout constraintBottom toBottomOf="parent"
        app:layout constraintEnd toEndOf="parent"
        app:layout constraintStart toStartOf="parent"
        app:layout constraintTop toTopOf="parent">
        <TextView
            android:id="@+id/login title"
            android:layout width="match parent"
            android:layout height="wrap content"
            android:layout marginBottom="30dp"
            android:gravity="center"
            android:text="@string/login"
            android:textSize="24sp"
            android:textStyle="bold" />
        <TextView
            android:id="@+id/email_title"
            android:layout width="match parent"
            android:layout height="wrap content"
            android:text="@string/email"
            android:textSize="18sp"
            android:textStyle="bold" />
        <EditText
            android:id="@+id/edit email"
            android:layout width="match parent"
            android:layout height="wrap content"
            android:layout marginBottom="20dp"
            android:autofillHints=""
            android:ems="10"
            android:hint="@string/enter email address"
            android:inputType="textEmailAddress" />
        <TextView
            android:id="@+id/password title"
            android:layout width="match parent"
            android:layout height="wrap content"
            android:text="@string/password"
            android:textSize="18sp"
            android:textStyle="bold" />
```

```
<EditText
            android:id="@+id/edit password"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout marginBottom="5dp"
            android:autofillHints=""
            android:ems="10"
            android:hint="@string/enter password"
            android:inputType="textPassword" />
        <CheckBox
            android:id="@+id/show_password"
            android:layout width="wrap content"
            android:layout height="wrap content"
            android:text="@string/show_password" />
        <Button
            android:id="@+id/button"
            android:layout width="match parent"
            android:layout height="38dp"
            android:background="#FFFFFF"
            android:text="@string/submit"
            app:backgroundTint="#673AB7" />
    </LinearLayout>
</androidx.constraintlayout.widget.ConstraintLayout>
```

#### String.xml

## LoginForm Application



