**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 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  
 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**

<resources>  
 <string name="app\_name">LoginFormApplication</string>  
 <string name="login">Login Form</string>  
 <string name="enter\_email\_address">Enter Email Address</string>  
 <string name="enter\_password">Enter Password</string>  
 <string name="submit">SUBMIT</string>  
 <string name="password">Password</string>  
 <string name="email">Email</string>  
 <string name="show\_password">Show Password</string>  
</resources>

**LoginForm Application**

 