Internship Day-2

Task : Login Form Application

Name : Rohit Bavaliya - 7th sem

College : L. D. College of engineering Ahmedabad

Enrollment : 180280116006

MainActivity.java

```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
<?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" />
```

```xml
        <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

```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>
```
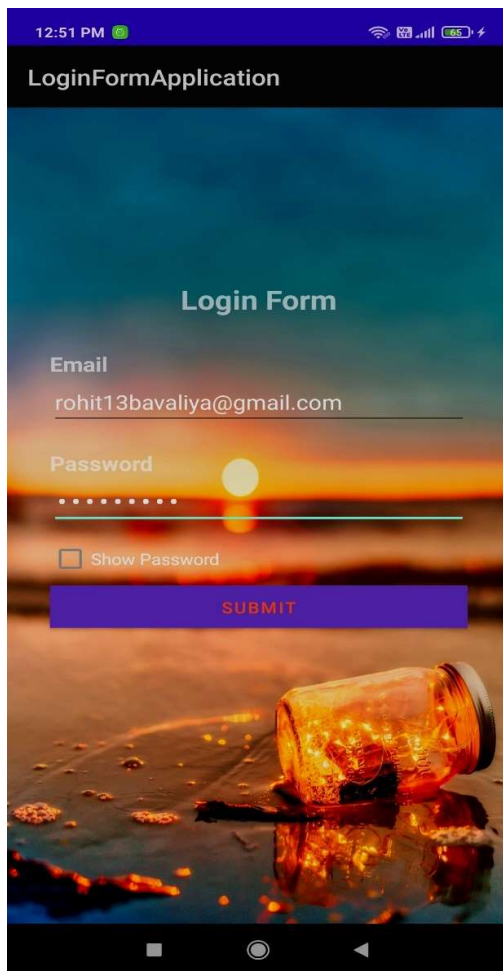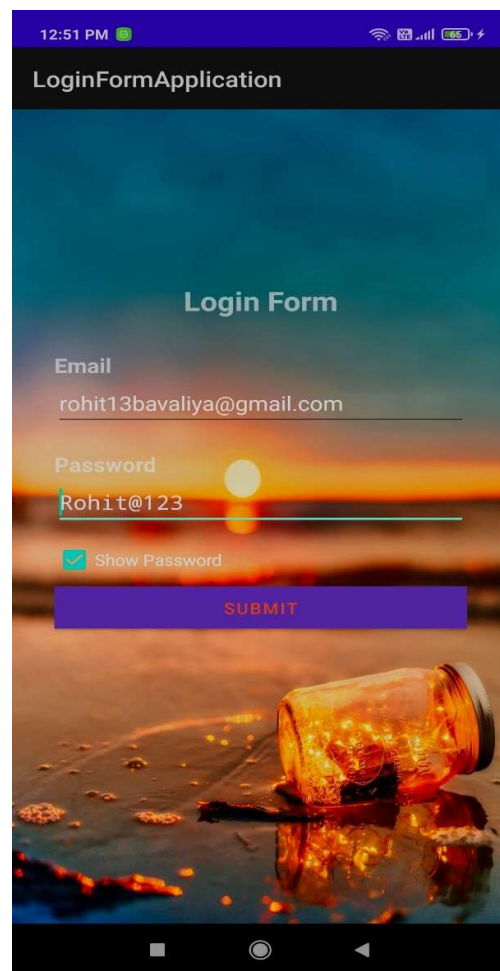
LoginForm Application