

# MOBILE APPLICATION DEVELOPMENT

## LAB-4

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### LOGIN APPLICATION

#### JAVA CODE:

Mainactivity.java:

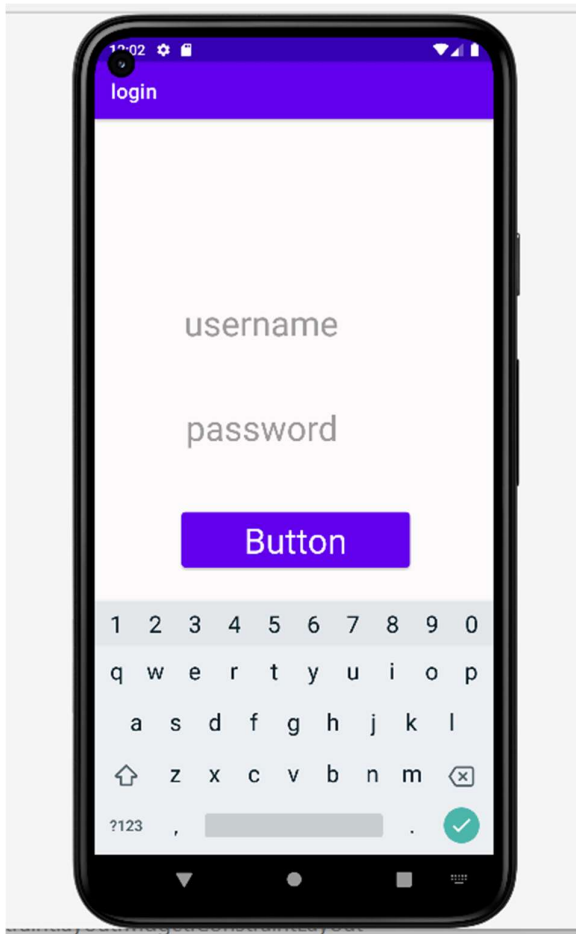
```
package com.example.login;
import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;
public class MainActivity extends AppCompatActivity {
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        final EditText e1 =(EditText)findViewById(R.id.et1);
        final EditText e2 =(EditText)findViewById(R.id.et2);
        Button b1=(Button)findViewById(R.id.b1);
        b1.setOnClickListener(new View.OnClickListener() {
            public void onClick(View v) {
                if(
                    (
                        "admin".equals(e1.getText().toString())
                        &&"test".equals(e2.getText().toString())
                    )
                    ||(
                        "ADMIN".equals(e1.getText().toString()) &&
                        "TEST".equals(e2.getText().toString())
                    )
                )
                {
                    Toast.makeText(getApplicationContext(),"SUCCESSFUL
LOGIN",
                        ,Toast.LENGTH_SHORT).show();
                }
                else {
                    Toast.makeText(getApplicationContext(),"INVALID
LOGIN",Toast.LENGTH_SHORT).show();
                }
            }
        });
    }
}
```

## XML CODE:

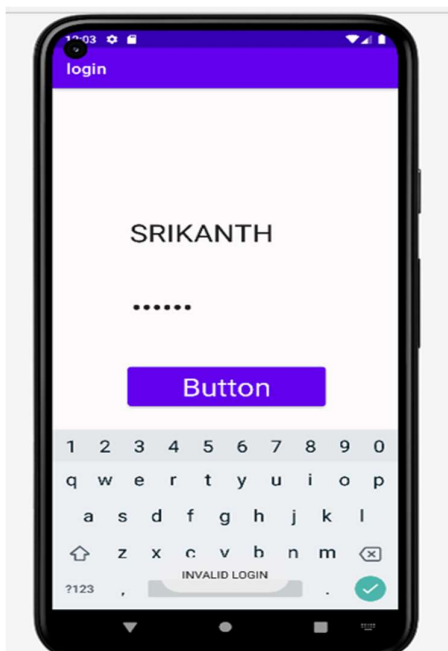
### Activity\_main.xml:

```
<?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="#FCFAFA"
    tools:context=".MainActivity">
    <EditText
        android:id="@+id/et1"
        android:layout_width="225dp"
        android:layout_height="66dp"
        android:autoText="false"
        android:backgroundTint="#00EBE3E3"
        android:ems="10"
        android:hint="username"
        android:inputType="textPersonName"
        android:textAppearance="@style/TextAppearance.AppCompat.Display1"
        app:layout_constraintBottom_toTopOf="@+id/et2"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.822" />
    <EditText
        android:id="@+id/et2"
        android:layout_width="223dp"
        android:layout_height="67dp"
        android:backgroundTint="#00DBCFCF"
        android:ems="10"
        android:hint="password"
        android:inputType="textPassword"
        android:textAppearance="@style/TextAppearance.AppCompat.Display1"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.505"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.412" />
    <Button
        android:id="@+id/b1"
        android:layout_width="225dp"
        android:layout_height="66dp"
        android:text="Button"
        android:textAppearance="@style/TextAppearance.AppCompat.Display1"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.51"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/et2"
        app:layout_constraintVertical_bias="0.135" />
</androidx.constraintlayout.widget.ConstraintLayout>
```

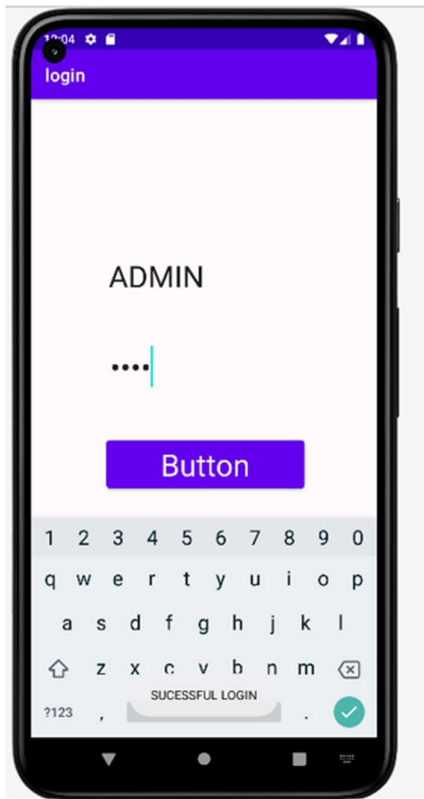
## OUTPUT:



INVALID :



**SUCEESFUL LOGIN:**



**SUBMITTED BY:**

**DASARI SRIKANTH-20BCE7076**

\*\*\*\*\***THANK YOU**\*\*\*\*\*