

## Practical 27

### MainActivity.java

```
package com.example.practical27;

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 {

    EditText uname,pass;

    Button b;

    @Override

    protected void onCreate(Bundle savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity_main);

        uname=findViewById(R.id.uname);

        pass=findViewById(R.id.pass);

        b=findViewById(R.id.button);

        b.setOnClickListener(new View.OnClickListener() {

            @Override

            public void onClick(View view) {

                String username=uname.getText().toString();

                String password=pass.getText().toString();

                if(username.equals("admin")&&password.equals("Admin123"))

                    Toast.makeText(getApplicationContext(),"Login successful",Toast.LENGTH_LONG).show();

                else

                    Toast.makeText(getApplicationContext(),"Invalid login

details",Toast.LENGTH_LONG).show();

            }

        });

    }

};
```

```
}  
}
```

## **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"  
    tools:context=".MainActivity">  
    <LinearLayout  
        android:layout_width="match_parent"  
        android:layout_height="match_parent"  
        android:layout_marginLeft="30dp"  
        android:layout_marginRight="30dp"  
        android:layout_marginTop="50dp"  
        android:orientation="vertical">  
        <EditText  
            android:id="@+id/uname"  
            android:layout_width="match_parent"  
            android:layout_height="wrap_content"  
            android:ems="10"  
            android:hint="Enter Username" />  
        <EditText  
            android:id="@+id/pass"  
            android:layout_width="match_parent"  
            android:layout_height="wrap_content"  
            android:ems="10"  
            android:inputType="textPassword"  
            android:hint="Enter Password" />
```

```
<Button
    android:id="@+id/button"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_gravity="center"
    android:layout_marginTop="30dp"
    android:text="Login" />

</LinearLayout>

</androidx.constraintlayout.widget.ConstraintLayout>
```

## OUTPUT

