**PR-6**

**6.**  **Develop a program to accept username and password from the end user using Text View and Edit Text.**

**XML Code:**

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 android:gravity="center"  
 android:padding="24dp">  
  
 <ImageView  
 android:id="@+id/logoImageView"  
 android:layout\_width="100dp"  
 android:layout\_height="100dp"  
 android:layout\_marginBottom="20dp"  
 android:src="@drawable/img" />  
  
 <EditText  
 android:id="@+id/usernameEditText"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:hint="Enter Username"  
 android:inputType="textPersonName" />  
  
 <EditText  
 android:id="@+id/passwordEditText"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:hint="Enter Password"  
 android:inputType="textPassword"  
 android:layout\_marginTop="10dp" />  
  
 <Button  
 android:id="@+id/loginButton"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Login"  
 android:layout\_marginTop="15dp" />  
  
 <TextView  
 android:id="@+id/resultTextView"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text=""  
 android:textSize="18sp"  
 android:textStyle="bold"  
 android:layout\_marginTop="20dp"/>  
</LinearLayout>

**Java Code:**

package com.example.pr6\_user\_pass\_text\_edittext;  
  
import android.os.Bundle;  
import android.view.View;  
import android.widget.\*;  
import androidx.appcompat.app.AppCompatActivity;  
  
public class MainActivity extends AppCompatActivity {  
  
 private final String user = "admin";  
 private final String pass = "1234";  
  
 EditText usernameEditText, passwordEditText;  
 Button loginButton;  
 TextView resultTextView;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
  
 usernameEditText = findViewById(R.id.*usernameEditText*);  
 passwordEditText = findViewById(R.id.*passwordEditText*);  
 loginButton = findViewById(R.id.*loginButton*);  
 resultTextView = findViewById(R.id.*resultTextView*);  
  
 loginButton.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 String inputUser = usernameEditText.getText().toString();  
 String inputPass = passwordEditText.getText().toString();  
  
 if (inputUser.equals(user) && inputPass.equals(pass)) {  
 Toast.*makeText*(MainActivity.this,"Login Success",Toast.*LENGTH\_SHORT*).show();  
 } else {  
 Toast.*makeText*(MainActivity.this,"Login Failed",Toast.*LENGTH\_SHORT*).show();  
   
 }  
 }  
 });  
 }  
}