AIM:

Design a Login Form with username and password using LinearLayout and toast valid credentialsDesign a Login Form with username and password using LinearLayout and toast valid credentials.

Program Code:

MainActivity.java

**package** com.example.toast;  
  
**import** androidx.appcompat.app.AppCompatActivity;  
  
**import** android.content.Intent;  
**import** android.os.Bundle;  
  
**public class** MainActivity **extends** AppCompatActivity {  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
  
 Intent in= **new** Intent(getApplicationContext(),Question1.**class**);  
 startActivity(in);  
 }  
}

Activity.xml

*<?***xml version="1.0" encoding="utf-8"***?>*<**LinearLayout 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:gravity="center"  
 android:orientation="vertical"  
 android:paddingHorizontal="20dp"  
 tools:context=".Question1"**>  
  
 <**EditText  
 android:id="@+id/username\_txt"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:hint="Uername"**/>  
  
 <**EditText  
 android:id="@+id/password\_txt"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="10dp"  
 android:hint="Password"**/>  
  
 <**Button  
 android:id="@+id/login\_btn"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Login"  
 android:layout\_marginTop="10dp"  
 android:paddingHorizontal="10dp"**/>  
  
</**LinearLayout**>

Question1.java

**package** com.example.toast;  
  
**import** androidx.appcompat.app.AppCompatActivity;  
  
  
**import** android.os.Bundle;  
**import** android.widget.Button;  
**import** android.widget.EditText;  
**import** android.widget.Toast;  
  
**public class** Question1 **extends** AppCompatActivity {  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_question1***);  
 EditText username\_txt= findViewById(R.id.***username\_txt***);  
 EditText password\_txt= findViewById(R.id.***password\_txt***);  
 Button login\_btn= findViewById(R.id.***login\_btn***);  
  
 login\_btn.setOnClickListener(v->{  
 String username= username\_txt.getText().toString();  
 String password= password\_txt.getText().toString();  
 Toast.*makeText*(getApplicationContext(), **"Login Successful.\nUsername - "**+username+**"\nPassword - "**+password, Toast.***LENGTH\_SHORT***).show();  
 });  
 }  
}

OUTPUT:

