**REPORT ON LABORATORY WORK**

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| Name: | **Roll no:** | **Name of the**  **Lab:** | **Peroid:** |
| **Class:** | **Date:** | **Nature of Lab work:** | **Batch** |

**AIM :**

**GUI DESIGN:**

**MainActivity.xml**

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 xmlns:android="http://schemas.android.com/apk/res/android" android:orientation="vertical">  
 <EditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:textColor="@color/black"  
 android:hint="Enter User Name"  
 android:layout\_margin="10dp"  
 android:id="@+id/usr"/>  
 <EditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:hint="Enter Password"  
 android:inputType="textPassword"  
 android:textColor="@color/black"  
 android:id="@+id/pass"  
 android:layout\_margin="10dp"/>  
 <androidx.appcompat.widget.AppCompatButton  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/btn"  
 android:layout\_margin="10dp"  
 android:background="@color/black"/>  
  
  
 </LinearLayout>

**MainActivity.java**

package com.example.login;  
  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.appcompat.widget.AppCompatButton;  
  
import android.os.Bundle;  
import android.view.View;  
import android.widget.EditText;  
import android.widget.Toast;  
  
public class MainActivity extends AppCompatActivity {  
  
 EditText ed1,ed2;  
 AppCompatButton b1;  
 String getUser,getPass;  
  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 ed1=(EditText)findViewById(R.id.*usr*);  
 ed2=(EditText)findViewById(R.id.*pass*);  
 b1=(AppCompatButton) findViewById(R.id.*btn*);  
 b1.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 getUser=ed1.getText().toString();  
 getPass=ed2.getText().toString();  
 Toast.*makeText*(getApplicationContext(),getUser,Toast.*LENGTH\_SHORT*).show();  
 Toast.*makeText*(getApplicationContext(),getPass,Toast.*LENGTH\_SHORT*).show();  
  
 }  
 });  
 }  
}

**OUTPUT:**