

SECONG PROGRAM

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">

    <TextView
        android:layout_width="match_parent"
        android:layout_height="51dp"
        android:text="LOGIN"
        android:textSize="40dp"
        android:gravity="center"
        android:textStyle="bold"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintHorizontal_bias="0.498"
        app:layout_constraintLeft_toLeftOf="parent"
        app:layout_constraintRight_toRightOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.088" />

    <EditText
        android:id="@+id/name"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:ems="10"
        android:hint="USERNAME"
        android:inputType="textPersonName"
        app:layout_constraintBottom_toBottomOf="parent"

        app:layout_constraintHorizontal_bias="0.502"
        app:layout_constraintLeft_toLeftOf="parent"
        app:layout_constraintRight_toRightOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.326" />

    <EditText
        android:id="@+id/password"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:ems="10"
        android:hint="PASSWORD"
        android:inputType="textPassword"
        app:layout_constraintBottom_toBottomOf="parent"
```

```

        app:layout_constraintHorizontal_bias="0.502"
        app:layout_constraintLeft_toLeftOf="parent"
        app:layout_constraintRight_toRightOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.444" />

<Button
    android:id="@+id/action"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Login"
    app:layout_constraintBottom_toBottomOf="parent"

    app:layout_constraintHorizontal_bias="0.498"
    app:layout_constraintLeft_toLeftOf="parent"
    app:layout_constraintRight_toRightOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.622" />

</androidx.constraintlayout.widget.ConstraintLayout>

```

activity_login_data.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=".loginData">

    <TextView

        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:gravity="center"
        android:text="USERNAME :"
        android:textSize="40dp"
        android:textStyle="bold"
        app:layout_constraintBottom_toBottomOf="parent"

        app:layout_constraintHorizontal_bias="0.0"
        app:layout_constraintLeft_toLeftOf="parent"
        app:layout_constraintRight_toRightOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.171" />

    <TextView
        android:id="@+id/pname"

```

```

        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:gravity="center"
        android:text="AAAAAAA"
        android:textSize="30dp"
        android:textStyle="bold"
        app:layout_constraintBottom_toBottomOf="parent"

        app:layout_constraintHorizontal_bias="0.0"
        app:layout_constraintLeft_toLeftOf="parent"
        app:layout_constraintRight_toRightOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.305" />

<TextView

        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:gravity="center"
        android:text="PASSWORD:"
        android:textSize="40dp"
        android:textStyle="bold"
        app:layout_constraintBottom_toBottomOf="parent"

        app:layout_constraintHorizontal_bias="0.0"
        app:layout_constraintLeft_toLeftOf="parent"
        app:layout_constraintRight_toRightOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.443" />

<TextView
        android:id="@+id/pass"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:gravity="center"
        android:text="BBBBBBBBB"
        android:textSize="30dp"
        android:textStyle="bold"
        app:layout_constraintBottom_toBottomOf="parent"

        app:layout_constraintHorizontal_bias="0.0"
        app:layout_constraintLeft_toLeftOf="parent"
        app:layout_constraintRight_toRightOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.566" />
</androidx.constraintlayout.widget.ConstraintLayout>

```

MainActivity.java

```

package com.example.program2;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
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 name,pass;
    Button log;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        name=(EditText) findViewById(R.id.name);
        pass=(EditText) findViewById(R.id.password);
        log=(Button) findViewById(R.id.action);

        log.setOnClickListener(new View.OnClickListener() {

            @Override
            public void onClick(View v) {
                if (String.valueOf(name.getText()).length()==0)
                {
                    Toast.makeText(MainActivity.this,"Please Enter the
UserName",Toast.LENGTH_LONG).show();
                }
                else if (String.valueOf(pass.getText()).length()==0)
                {
                    Toast.makeText(MainActivity.this,"Please Enter the
PassWord",Toast.LENGTH_LONG).show();
                }
                else{
                    Intent a =new
Intent(MainActivity.this,loginData.class);
                    a.putExtra("name",String.valueOf(name.getText()));
                    a.putExtra("pass",String.valueOf(pass.getText()));
                    startActivity(a);
                }
            }
        });
    }
}

```

loginData.java

```

package com.example.program2;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.os.Bundle;
import android.widget.TextView;

public class loginData extends AppCompatActivity {
    TextView name,pass;
    @Override
    protected void onCreate(Bundle savedInstanceState) {

```

```
super.onCreate(savedInstanceState);
setContentView(R.layout.activity_login_data);
name=(TextView)findViewById(R.id.pname);
pass=(TextView)findViewById(R.id.pass);
Intent data=getIntent();

name.setText(String.valueOf(data.getStringExtra("name")));
pass.setText(String.valueOf(data.getStringExtra("pass")));
    }
}
```