1.

**AndroidMainfest.xml:**

```xml
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools">
    <application
        android:allowBackup="true"
        android:dataExtractionRules="@xml/data_extraction_rules"
        android:fullBackupContent="@xml/backup_rules"
        android:icon="@mipmap/ic_launcher"
        android:label="@string/app_name"
        android:roundIcon="@mipmap/ic_launcher_round"
        android:supportsRtl="true"
        android:theme="@style/Theme.Android"
        tools:targetApi="31">
        <activity
            android:name=".MainActivity"
            android:exported="true">
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />
                <category android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
    </application>
</manifest>
```

**strings.xml:**

```xml
<resources>
    <string name="app_name">Android</string>
    <string name="uname">Username</string>
    <string name="pass">Password</string>
    <string name="login">Login</string>
</resources>
```

**activity_main.xml:**

```xml
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout 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:padding="20dp"
    tools:context=".MainActivity">
```
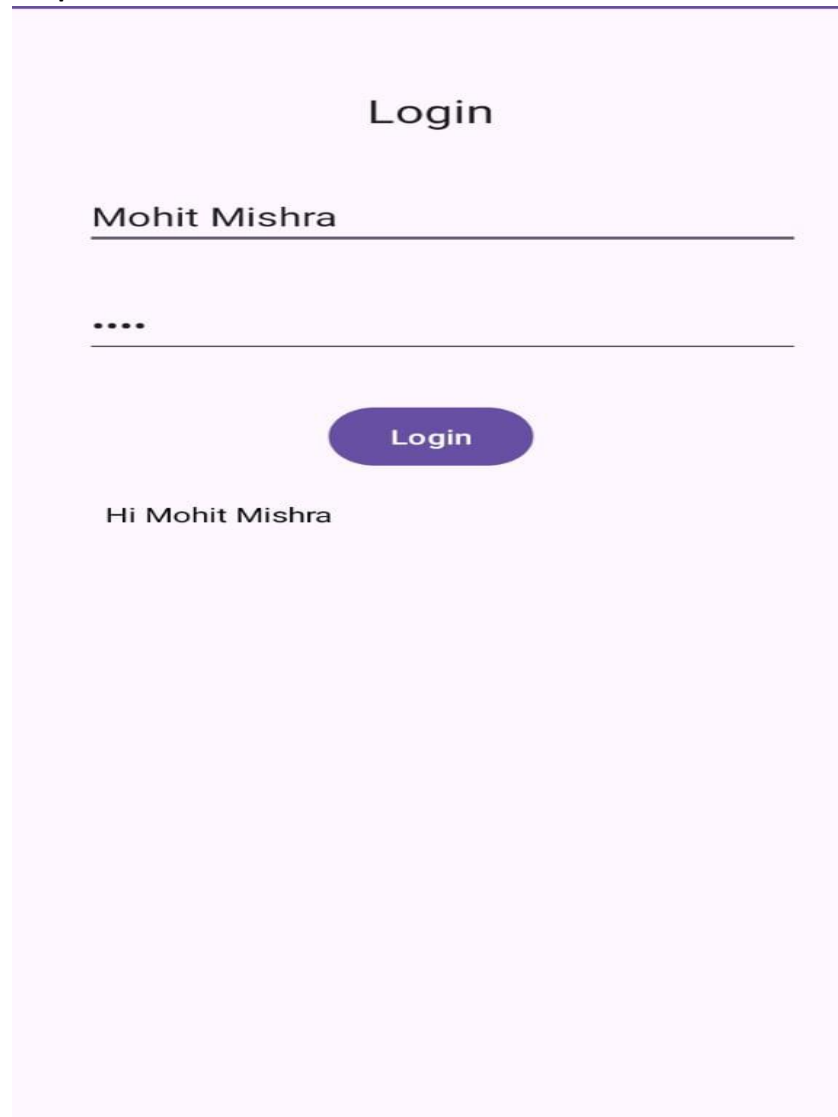
```xml
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="@string/login"
    android:layout_centerHorizontal="true"
    android:layout_marginStart="10dp"
    android:layout_marginLeft="10dp"
    android:layout_marginTop="35dp"
    android:textAppearance="?android:textAppearanceLarge"/>
<EditText
    android:id="@+id/editTextName"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:ems="10"
    android:hint="@string/uname"
    android:inputType="textPersonName"
    android:layout_alignParentStart="true"
    android:layout_alignParentTop="true"
    android:layout_centerHorizontal="true"
    android:layout_marginStart="10dp"
    android:layout_marginLeft="10dp"
    android:layout_marginTop="100dp"/>
<EditText
    android:id="@+id/editTextPassword"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:ems="10"
    android:hint="@string/pass"
    android:importantForAutofill="no"
    android:inputType="textPassword"
    android:layout_alignParentStart="true"
    android:layout_alignParentTop="true"
    android:layout_centerHorizontal="true"
    android:layout_marginStart="10dp"
    android:layout_marginLeft="10dp"
    android:layout_marginTop="175dp" />
<Button
    android:id="@+id/btnlogin"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_below="@id/editTextName"
    android:layout_centerInParent="true"
    android:layout_alignParentTop="true"
    android:layout_marginStart="10dp"
    android:layout_marginLeft="10dp"
    android:layout_marginTop="250dp"
    android:text="@string/login" />
<TextView
```

```
        android:id="@+id/textName"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_below="@id/btnlogin"
        android:paddingStart="20dp"
        android:paddingTop="20dp"
        android:paddingEnd="20dp"
        android:paddingBottom="20dp"
        android:textColor="@android:color/black" />
</RelativeLayout>
```

**Output:**

**2.**
**AndroidManifest.xml:**

```xml
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="com.example.android" >
    <application
        android:allowBackup="true"
        android:icon="@mipmap/ic_launcher"
        android:label="@string/app_name"
        android:roundIcon="@mipmap/ic_launcher_round"
        android:supportsRtl="true"
        android:theme="@style/Theme.Android" >
        <activity android:name=".MainActivity2" >
        </activity>
        <activity android:name=".MainActivity"
            android:exported="true">
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />
                <category android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
    </application>
</manifest>
```

**strings.xml:**

```xml
<resources>
    <string name="app_name">Android</string>
    <string name="uname">Username</string>
    <string name="pass">Password</string>
    <string name="login">Login</string>
    <string name="name" />
    <string name="rollno" />
    <string name="submit" />
</resources>
```

**activity_main.xml:**

```xml
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout 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:padding="20dp"
    android:gravity="center"
```

```xml
    tools:context=".MainActivity">
    <EditText
        android:id="@+id/editTextName"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:ems="10"
        android:hint="@string/name"
        android:inputType="textPersonName"
        android:layout_alignParentStart="true"
        android:layout_alignParentTop="true"
        android:layout_centerHorizontal="true"
        android:layout_marginStart="10dp"
        android:layout_marginLeft="10dp"/>
    <EditText
        android:id="@+id/editTextRollno"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:ems="10"
        android:hint="@string/rollno"
        android:importantForAutofill="no"
        android:inputType="textPersonName"
        android:layout_alignParentStart="true"
        android:layout_alignParentTop="true"
        android:layout_centerHorizontal="true"
        android:layout_marginStart="10dp"
        android:layout_marginLeft="10dp"
        android:layout_marginTop="75dp" />
    <Button
        android:id="@+id/btnsubmit"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_below="@id/editTextName"
        android:layout_centerInParent="true"
        android:layout_alignParentTop="true"
        android:layout_marginStart="10dp"
        android:layout_marginLeft="10dp"
        android:layout_marginTop="150dp"
        android:text="@string/submit" />
</RelativeLayout>
```

**activitymain2.xml:**

```xml
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    xmlns:app="http://schemas.android.com/apk/res-auto"
```

```xml
android:layout_width="match_parent"
android:layout_height="match_parent"
android:orientation="vertical"
android:gravity="center"
tools:context=".MainActivity2">
<TextView
    android:id="@+id/name"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="@string/name"
    android:textAppearance="?android:textAppearanceLarge"/>
<TextView
    android:id="@+id/rollno"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginTop="15dp"
    android:text="@string/rollno"
    android:textAppearance="?android:textAppearanceLarge"/>
</LinearLayout>
```

**MainActivity.java:**

```java
package com.example.android;

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 editTextName, editTextRollno;
    Button btnsubmit;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        editTextName = (EditText) findViewById(R.id.editTextName);
        editTextRollno = (EditText) findViewById(R.id.editTextRollno);
        btnsubmit = (Button) findViewById(R.id.btnsubmit);
        btnsubmit.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                String name= editTextName.getText().toString();
                String rollno= editTextRollno.getText().toString();
```

```java
            Toast.makeText(MainActivity.this,"Name:"+name+"Roll No:"+rollno+" is
added",Toast.LENGTH_LONG).show();
                Intent intent = new Intent(MainActivity.this,MainActivity2.class);
            intent.putExtra("keyname",name);
            intent.putExtra("keyrollno",rollno);
            startActivity(intent);
        }
    });
  }
}
```

**MainActivity2.java:**

```java
package com.example.android;
import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;
import android.widget.TextView;
public class MainActivity2 extends AppCompatActivity {
  private TextView n,r;
  @Override
  protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activitymain2);
    n = (TextView)findViewById(R.id.name);
    r = (TextView)findViewById(R.id.rollno);
    String name = getIntent().getStringExtra("keyname");
    String rollno = getIntent().getStringExtra("keyrollno");
    n.setText(name);
    r.setText(rollno);
  }
}
```

Output:

Mohit Mishra

44

Mohit Mishra

44

Name:Mohit MishraRoll No:44 is added