AndroidMainfest.xml:

```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"</pre>
  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:
<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 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">
```

```
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
```

<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>
```

Login Mohit Mishra Login Hi Mohit Mishra

AndroidManifest.xml:

```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"</pre>
  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:
<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 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"
```

```
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 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"

```
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:
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();
```

```
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:
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:

