MainActivity.java:

Providing the android simple login code implementation.

```
public class MainActivity extends Activity {
     Button loginbtn, clrbtn;
     EditText uname, pwd;
      String getuname, getpwd;
      @Override
     protected void onCreate(Bundle savedInstanceState) {
            super.onCreate(savedInstanceState);
            setContentView(R.layout.activity main);
            loginbtn = (Button) findViewById(R.id.loginbtn);
            clrbtn = (Button) findViewById (R.id.clrbtn);
            uname = (EditText) findViewById(R.id.uname);
            pwd = (EditText) findViewById(R.id.pwd);
            loginbtn.setOnClickListener(new
OnClickListener() {
            public void onClick(View v) {
                  getuname = uname.getText().toString();
                  getpwd = pwd.getText().toString();
                  if (getuname.matches ("androidcoding") &&
getpwd.matches("androidcoding")) {
```

```
Intent i = new
Intent(MainActivity.this, HomeScreen.class);
                        startActivity(i);
                  } else {
                        Toast.makeText(MainActivity.this,
                              "enter correct username &
password", Toast.LENGTH LONG).show();
            }
            });
            clrbtn.setOnClickListener(new OnClickListener()
{
            public void onClick(View v) {
                  uname.setText("");
                  pwd.setText("");
            }
            });
      }
```

activity_main.xml :

Now we will design login page i.e., activity_main.xml Adding username and password edittext, and buttons for sign-in and you can add many more... depending upon you functionality.

```
<LinearLayout
xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:id="@+id/LinearLayout1"
    android:layout width="match parent"
    android:layout height="match parent"
    android:orientation="vertical"
tools:context="com.androidcoding.abhi.simple login.MainActi
vity" >
    <TextView
        android:id="@+id/textView"
        android:layout width="wrap content"
        android:layout height="wrap content"
        android:text="Login"
        android:layout marginTop="80dp"
        android:layout gravity="center"
android:textAppearance="?android:attr/textAppearanceLarge"
/>
    <LinearLayout
        android:layout width="match parent"
        android:layout height="wrap content"
```

```
android:orientation="vertical"
    android:layout marginTop="50dp"
    android:background="#9DA7D0" >
    <Edit.Text
    android:id="@+id/uname"
    android:layout width="250dp"
    android:layout height="40dp"
    android:layout gravity="center"
    android:layout marginTop="40dp"
    android:background="#ffffff"
    android:hint="username..." >
</EditText>
    <EditText
    android:id="@+id/pwd"
    android:layout_width="250dp"
    android:layout height="40dp"
    android:layout gravity="center"
    android:layout marginTop="10dp"
    android:layout marginBottom="20dp"
    android:inputType="textPassword"
    android:background="#ffffff"
    android:hint="password..." >
</EditText>
    <LinearLayout
```

```
android:layout width="match parent"
            android:layout height="wrap content"
            android:orientation="horizontal"
            android:layout marginTop="10dp"
            android:layout marginBottom="20dp"
            android:gravity="center" >
        <Button
            android:id="@+id/loginbtn"
            android:layout width="wrap content"
            android:layout height="wrap content"
            android:text="Login" />
        <Button
            android:id="@+id/clrbtn"
            android:layout width="wrap content"
            android:layout height="wrap content"
            android:text="Clear" />
        </LinearLayout>
        <TextView
            android:id="@+id/textView1"
            android:layout width="wrap content"
            android:layout height="wrap content"
            android:textColor="#ffffff"
            android:textSize="20dp"
            android:text=" Username = androidcoding \n
Password = androidcoding" />
```

```
</LinearLayout>
```

HomeScreen.java:

Design a home screen(layout) which should be appearing as a user login. Here generally we will give dashboard which will have options like logout and more.... You can add different screens or menu screen depending upon your usage but i have shown a simple message that user has successfully logged-in. HomeScreen.java

```
public class HomeScreen extends ActionBarActivity {
     Button logout;
      @Override
     protected void onCreate(Bundle savedInstanceState) {
            super.onCreate(savedInstanceState);
            setContentView(R.layout.homescreen);
            logout = (Button) findViewById(R.id.logoutbtn);
            logout.setOnClickListener(new OnClickListener()
{
            public void onClick(View v) {
                  Intent i = new
Intent(HomeScreen.this, MainActivity.class);
                  startActivity(i);
```

}
});