

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.MainActivity" >

    <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" >
```

```
<EditText
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>
```

```
</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);
```

}

});

}