*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);

}

});

}