**Assignment:-2**

**2. Create sample application with login module.(Check username and password).On successful login, go to next screen. And on failing login, alert user using Toast. Also pass username to next screen.**

**Code:-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"**

**tools:context=".MainActivity"**>

<**EditText**

**android:id="@+id/username"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:layout\_alignParentTop="true"**

**android:layout\_centerHorizontal="true"**

**android:layout\_marginTop="61dp"**

**android:ems="10"**

**android:inputType="textPersonName"**

**android:text="Name"** />

<**EditText**

**android:id="@+id/password"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:layout\_alignParentTop="true"**

**android:layout\_centerHorizontal="true"**

**android:layout\_marginTop="146dp"**

**android:ems="10"**

**android:inputType="textPassword"** />

<**Button**

**android:id="@+id/login"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:layout\_alignParentStart="true"**

**android:layout\_centerVertical="true"**

**android:layout\_marginStart="135dp"**

**android:text="login"** />

</**RelativeLayout**>

**Code:-MainActivity.java**

**package** com.example.sunil.myapplication;

**import** android.support.v7.app.AppCompatActivity;

**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 {

**private** EditText **uname**,**pwd**;

**private** Button **login**;

**protected void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_main***);

**uname**=(EditText)findViewById(R.id.***username***);

**pwd**=(EditText)findViewById(R.id.***password***);

**login**=(Button)findViewById(R.id.***login***);

**login**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View view) {

String usernane=**uname**.getText().toString();

String password=**pwd**.getText().toString();

**if**(usernane.equals(**"Admin"**) && password.equals(**"1122"**))

{

Toast.*makeText*(getApplicationContext(),**"Login successfully"**,2000).show();

}

**else**

{

Toast.*makeText*(getApplicationContext(),**"Invalid username & password"**,2000).show();

}

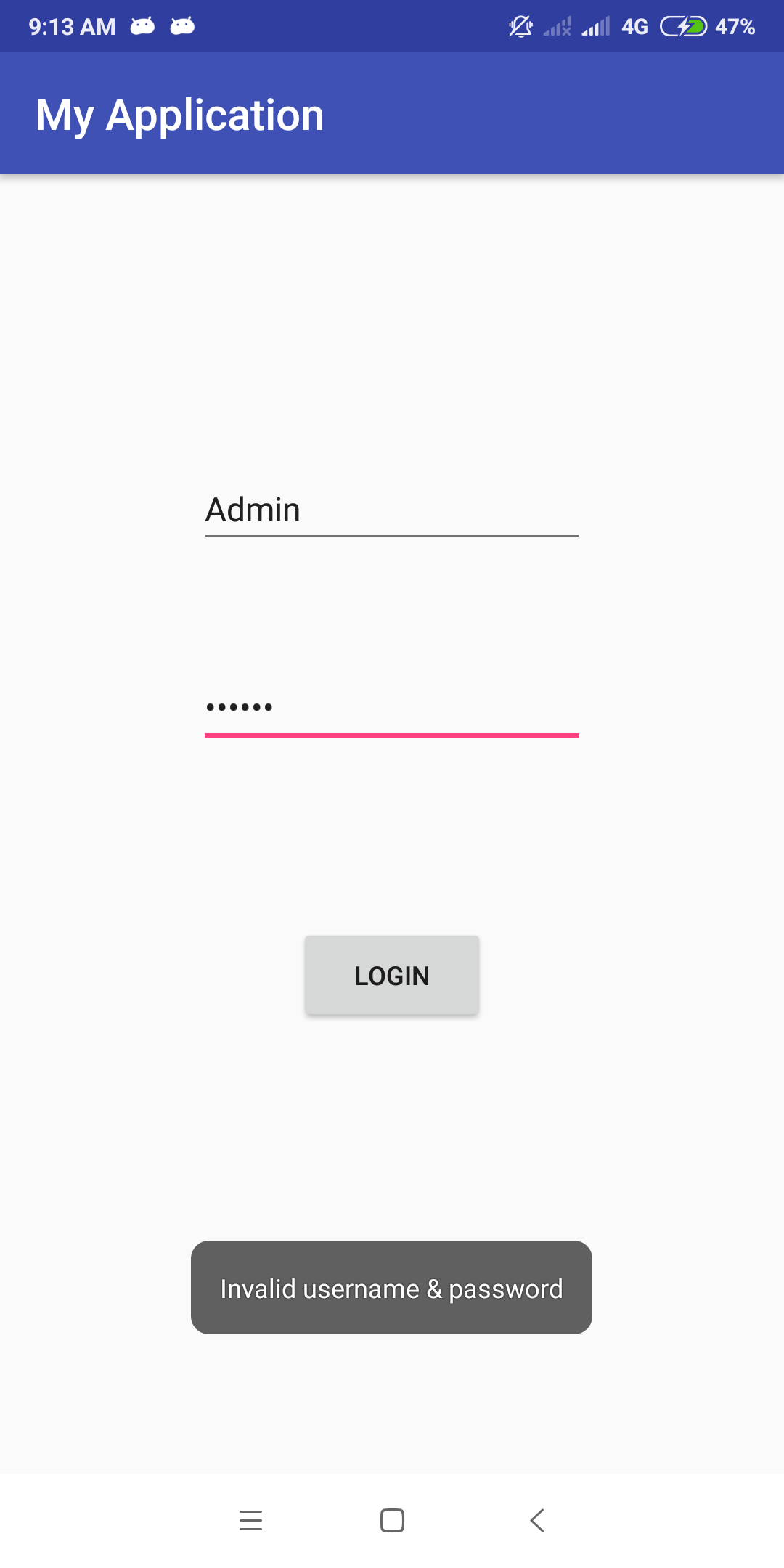
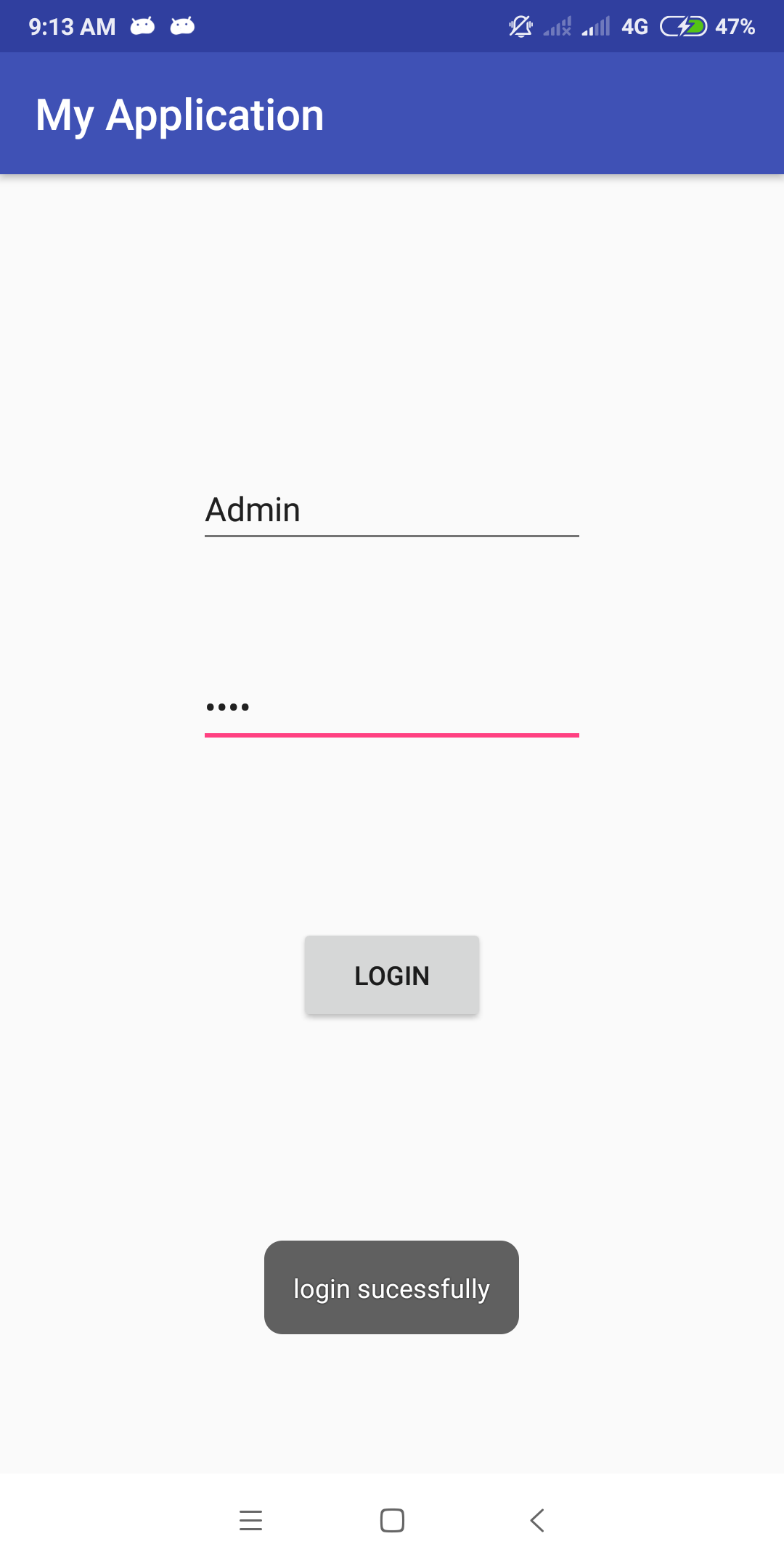
}

});

}

}

**Output:-**

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