**Create an application that takes the name from a text box and shows hello message along with the name entered in text box, when the user clicks the OK button.**

**Code for MainActivity.java**

package com.example.akshay.mrcet; import android.os.Bundle;

import android.support.v7.app.AppCompatActivity; import android.view.View;

import android.widget.Button; import android.widget.EditText; import android.widget.TextView;

public class MainActivity extends AppCompatActivity {

// These are the global variables EditText editName, editPassword; TextView result;

Button buttonSubmit, buttonReset;

@Override

protected void onCreate(Bundle savedInstanceState) { super.onCreate(savedInstanceState); setContentView(R.layout.activity\_main);

editName = (EditText) findViewById(R.id.editName); editPassword = (EditText) findViewById(R.id.editPassword); result = (TextView) findViewById(R.id.tvResult); buttonSubmit = (Button) findViewById(R.id.buttonSubmit); buttonReset = (Button) findViewById(R.id.buttonReset);

/\*

Submit Button

\*/

buttonSubmit.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

String name = editName.getText().toString();

String password = editPassword.getText().toString(); result.setText("Name:\t" + name + "\nPassword:\t" + password );

}

});

/\*

Reset Button

\*/

buttonReset.setOnClickListener(new View.OnClickListener() { @Override

public void onClick(View v) { editName.setText(""); editPassword.setText(""); result.setText(""); editName.requestFocus();

}

});

}

}

## 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"](http://schemas.android.com/tools) android:layout\_width="match\_parent" android:layout\_height="match\_parent"

android:background="#FFFF8D" tools:context="com.example.akshay.mrcet.MainActivity">

<TextView android:id="@+id/textView"

android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:layout\_alignParentLeft="true" android:layout\_alignParentStart="true" android:layout\_alignParentTop="true" android:text="NAME" android:textSize="20sp" android:layout\_margin="20dp" />

<TextView android:id="@+id/textView2"

android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:textSize="20sp" android:text="PASSWORD" android:layout\_marginTop="38dp" android:layout\_below="@+id/textView" android:layout\_alignLeft="@+id/textView" android:layout\_alignStart="@+id/textView" />

<EditText android:id="@+id/editName"

android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:ems="10" android:inputType="textPersonName" android:hint="Enter Name" android:layout\_alignParentTop="true" android:layout\_alignParentRight="true" android:layout\_alignParentEnd="true" android:layout\_alignLeft="@+id/editPassword" android:layout\_alignStart="@+id/editPassword" />

<EditText android:id="@+id/editPassword" android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:ems="10"

android:hint="Enter Password" android:inputType="textPassword" android:layout\_alignBottom="@+id/textView2" android:layout\_alignParentRight="true" android:layout\_alignParentEnd="true" android:layout\_marginRight="18dp" android:layout\_marginEnd="18dp" />

<Button android:id="@+id/buttonSubmit" android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:layout\_alignParentLeft="true" android:layout\_alignParentStart="true"

android:layout\_below="@+id/textView2" android:layout\_marginTop="20dp" android:text="SUBMIT" />

<Button android:id="@+id/buttonReset"

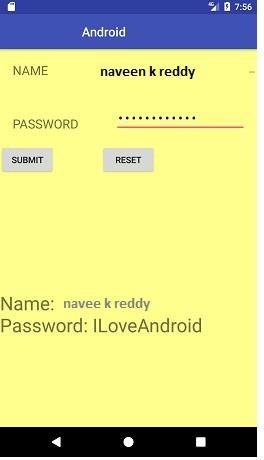
android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:text="RESET" android:layout\_alignBaseline="@+id/buttonSubmit" android:layout\_alignBottom="@+id/buttonSubmit" android:layout\_centerHorizontal="true" />

<TextView android:id="@+id/tvResult"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content" android:layout\_alignParentBottom="true" android:layout\_alignParentLeft="true" android:layout\_alignParentStart="true" android:layout\_marginBottom="143dp" android:textSize="30sp" />

</RelativeLayout>



## Design an android application to create page using Intent and one Button and pass the Values from one Activity to second Activity.

**AIM:** To design an android application to design a page using Intent and one Button and pass the Values from one Activity to second Activity.

# Main Activity Java File

package com.example.transferofdata; import android.os.Bundle;

import android.app.Activity; import android.content.Intent; import android.view.Menu; import android.view.View;

import android.view.View.OnClickListener; import android.widget.Button;

import android.widget.EditText;

public class MainActivity extends Activity

{

@Override

protected void onCreate(Bundle savedInstanceState)

{

super.onCreate(savedInstanceState); setContentView(R.layout.activity\_main);

final EditText et=(EditText)findViewById(R.id.editText1); final EditText et1=(EditText)findViewById(R.id.editText2); Button send=(Button)findViewById(R.id.button1); send.setOnClickListener(new OnClickListener()

{

@Override

public void onClick(View arg0)

{

String s=et.getText().toString(); String s1=et1.getText().toString();

Intent it=new Intent(MainActivity.this,Second.class); it.putExtra("uname", s);

it.putExtra("pwd", s1); startActivity(it);

}

});

}

@Override

public boolean onCreateOptionsMenu(Menu menu)

{

getMenuInflater().inflate(R.menu.main, menu); return true;

}

}

# SecondActivity.java

package com.example.transferofdata; import android.os.Bundle;

import android.app.Activity; import android.view.Menu; import android.widget.TextView;

public class Second extends Activity

{

@Override

protected void onCreate(Bundle savedInstanceState)

{

super.onCreate(savedInstanceState); setContentView(R.layout.activity\_second);

TextView tv=(TextView)findViewById(R.id.textView1); TextView tv1=(TextView)findViewById(R.id.textView2); tv.setText(getIntent().getExtras().getString("uname")); tv1.setText(getIntent().getExtras().getString("pwd"));

}

@Override

public boolean onCreateOptionsMenu(Menu menu)

{

getMenuInflater().inflate(R.menu.second, menu); return true;

}

}

# MainActivity.xml

<RelativeLayout xmlns:android[="h](http://schemas.android.com/apk/res/android)tt[p://schemas.android.com/apk/res/android](http://schemas.android.com/apk/res/android)" xmlns:tools[="h](http://schemas.android.com/tools)tt[p://schemas.android.com/tools](http://schemas.android.com/tools)" android:layout\_width="match\_parent"

android:layout\_height="match\_parent" android:paddingBottom="@dimen/activity\_vertical\_margin" android:paddingLeft="@dimen/activity\_horizontal\_margin" android:paddingRight="@dimen/activity\_horizontal\_margin" android:paddingTop="@dimen/activity\_vertical\_margin" tools:context=".MainActivity" >

<Button android:id="@+id/button1"

android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:layout\_alignParentLeft="true" android:layout\_alignParentTop="true" android:layout\_marginLeft="78dp" android:layout\_marginTop="154dp" android:text="send" />

<EditText android:id="@+id/editText1" android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content" android:layout\_alignParentTop="true" android:layout\_alignRight="@+id/button1" android:layout\_marginTop="18dp" android:ems="10" ><requestFocus /></EditText>

<EditText android:id="@+id/editText2"

android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:layout\_alignRight="@+id/button1" android:layout\_below="@+id/editText1" android:layout\_marginTop="37dp" android:ems="10"

android:inputType="textPassword" /></RelativeLayout>

# SecondActivity.xml

<RelativeLayout xmlns:android[="h](http://schemas.android.com/apk/res/android)tt[p://schemas.android.com/apk/res/android](http://schemas.android.com/apk/res/android)" xmlns:tools[="h](http://schemas.android.com/tools)tt[p://schemas.android.com/tools](http://schemas.android.com/tools)" android:layout\_width="match\_parent"

android:layout\_height="match\_parent" android:paddingBottom="@dimen/activity\_vertical\_margin" android:paddingLeft="@dimen/activity\_horizontal\_margin" android:paddingRight="@dimen/activity\_horizontal\_margin" android:paddingTop="@dimen/activity\_vertical\_margin" tools:context=".Second" >

<TextView android:id="@+id/textView1" android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:layout\_alignParentLeft="true" android:layout\_alignParentTop="true" android:layout\_marginLeft="42dp" android:layout\_marginTop="70dp" android:text="uname" />

<TextView android:id="@+id/textView2" android:layout\_width="wrap\_content" android:layout\_height="wrap\_content"

android:layout\_alignLeft="@+id/textView1" android:layout\_below="@+id/textView1" android:layout\_marginLeft="15dp"

android:layout\_marginTop="37dp" android:text="password" />

</RelativeLayout>

# OUTPUT:

