



Programmer Name: Neha Kamalakar Nemade

Batch: L-5

Problem Statement: Write a program in Java to perform swapping of two TextField values. Use action listener mechanism

Code→

```
package ajp_codes;

import java.awt.Frame;
import java.awt.Color;
import java.awt.FlowLayout;
import java.awt.TextField;
import java.awt.Button;
import java.awt.event.*;

public class code1 extends Frame implements ActionListener
{
    private TextField t1;
    private TextField t2;
    Button b1;
    Button b2;

    public static void main(String[] args)
    {
        System.out.println("Name: Neha Kamalakar Nemade\nRoll no: 32147");
        code1 Aobj= new code1 ();
    }

    public code1 ()
    {
        setTitle("Intro to TextField");
        setVisible(true);
        setSize(400,400);
        setLocation(100,100);
        setLayout(new FlowLayout(FlowLayout.CENTER,100,50));
        setBackground(Color.white);
        t1=new TextField(20);
        t2=new TextField(20);
```



PUNE INSTITUTE OF COMPUTER TECHNOLOGY

PUNE - 411043

Department of Electronics & Telecommunication

ASSESSMENT YEAR: 2021-2022

CLASS: TE V

SUBJECT: Advanced Java Programming

Assg No: 03

Roll No: 32147

Date:

```
add(t1);  
add(t2);
```

```
b1=new Button("SWAP");  
add(b1);  
b1.addActionListener(this);  
b2=new Button("Exit");  
add(b2);  
b2.addActionListener(this);
```

```
}
```

```
public void actionPerformed(ActionEvent e)  
{
```

```
    System.out.println("SWAP VALUES");  
    String text1=t1.getText();  
    String text2=t2.getText();  
    //System.out.println(text1);  
    //System.out.println(text2);  
    t1.setText(text2);  
    t2.setText(text1);  
    Object exit=e.getSource();  
    if(exit==b2)  
    {  
        dispose();  
    }
```

```
}
```

```
}
```



OUTPUT→

```
1 package ajp_codes;
2
3
4 import java.awt.Frame;
5 import java.awt.Color;
6 import java.awt.FlowLayout;
7 import java.awt.TextField;
8 import java.awt.Button;
9 import java.awt.event.*;
10
11 public class code1 extends Frame implements ActionListener
12 {
13
14     private TextField t1;
15     private TextField t2;
16     Button b1;
17     Button b2;
18
19
20 public static void main(String[] args)
21 {
22     System.out.println("Name: Neha Kamalakar Nemade\nRoll no: 32147");
23     code1 Aobj= new code1 ();
24 }
25
26 public code1 ()
27 {
28     setTitle("Intro to TextField");
29     setVisible(true);
30     setSize(400,400);
31     setLocation(100,100);
32     setLayout(new FlowLayout(FlowLayout.CENTER,100,50));
33     setBackground(Color.white);
34     t1=new TextField(20);
35     t2=new TextField(20);
36
37     add(t1);
38     add(t2);
39
40
41     b1=new Button("SWAP");
42     add(b1);
43     b1.addActionListener(this);
44     b2=new Button("Exit");
```

code1 [Java Application] C:\Program Files\Java\jdk-14\bin\javaw.exe (28-Apr-2022, 7:00:28 pm)

Name: Neha Kamalakar Nemade

Roll no: 32147

SWAP VALUES

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