

Source code:

```
1 package Swap;
2
3 class SwapVar <T>{
4     T x1, x2;
5
6     public void set(T x1, T x2) {
7         this.x1 = x1;
8         this.x2 = x2;
9     }
10
11     public void swap() {
12         T temp = x1;
13         x1 = x2;
14         x2 = temp;
15     }
16
17     public void print() {
18         System.out.println("Variable 1: " + x1);
19         System.out.println("Variable 2: " + x2);
20     }
21 }
22
23 public class SwapMain {
24     public static void main(String[] args) {
25         int num1 = 50;
26         int num2 = 100;
27
28         SwapVar<Integer> swapInteger = new SwapVar<>();
29         swapInteger.set(num1, num2);
30
31         System.out.println("Before swapping:");
32         swapInteger.print();
33
34         swapInteger.swap();
35
36         System.out.println("After swapping:");
37         swapInteger.print();
38
39         System.out.println();
40
41         String s1 = "Hello OOP";
42         String s2 = "Hello World";
43
44         SwapVar<String> swapString = new SwapVar<>();
45         swapString.set(s1, s2);
46
47         System.out.println("Before swapping:");
48         swapString.print();
49
50         swapString.swap();
51
52         System.out.println("After swapping:");
53         swapString.print();
54     }
55 }
```

Hasil eksekusi program:

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Before swapping:

Variable 1: 50

Variable 2: 100

After swapping:

Variable 1: 100

Variable 2: 50

Before swapping:

Variable 1: Hello OOP

Variable 2: Hello World

After swapping:

Variable 1: Hello World

Variable 2: Hello OOP