

StackSort

```
package com.wipro;
import java.util.Stack;
public class Stacksort {
public static void sortStack(Stack<Integer> stack) {
    Stack<Integer> temp = new Stack<>();
    while (!stack.isEmpty()) {
        int current = stack.pop();
        while (!temp.isEmpty() && temp.peek() < current) {
            stack.push(temp.pop());
        }
        temp.push(current);
    }
    while (!temp.isEmpty()) {
        stack.push(temp.pop());
    }
}
public static void main(String[] args) {
    Stack<Integer> stack=new Stack<>();
    stack.push(227);
    stack.push(24);
    stack.push(27);
    stack.push(127);
    stack.push(7);
    stack.push(733);

    System.out.println("Stack before sorting: " + stack);

    sortStack(stack);

    System.out.println("Stack after sorting: " + stack);
}
}
```

