

COMP 1210 (1210-Fall-2018): Activity 03 (max 10 submits), by Jacob Stockwell

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Assignment	COMP 1210 (1210-Fall-2018): Activity 03 (max 10 submits) try #4
Name	Jacob Stockwell (jts0098)
Partners	Jacob Stockwell (jts0098)
Submitted	09/09/18 02:31PM, 1 day, 9 hrs, 27 mins early
Total Score	100.0/100.0

Score Summary	
Style/Coding:	20.0/20.0
Correctness/Testing:	80.0/80.0
Final score:	100.0/100.0
Position in class:	<div><div></div></div>

File	Remarks	Deductions
MessageConverter.java	0	0.0

MessageConverter.java

```

1  import java.util.Scanner;
2  /**
3   *
4   * @Author: Jacob Stockwell
5   * @version: 09/10/18
6   *
7   * Description: program exchanges letters in a String to encode a message
8   */
9
10 public class MessageConverter
11 {
12
13     /**
14     *
15     * @param args not used
16     */
17
18     public static void main(String[] args)
19     {
20         //Declaration for user message and result
21         Scanner userInput = new Scanner(System.in);
22         String message = "";
23         String result = "";
24
25         //prompt for user
26         System.out.print("Type in a message and press enter:\n\t> ");
27         message = userInput.nextLine();
28
29         System.out.print("\nOutput types: "
30             + "\n\t0: As is "
31             + "\n\t1: Trimmed"
32             + "\n\t2: lower case"

```

```
32
33     + "\n\t3: UPPER CASE"
34     + "\n\t4: v_w_ls r_pl_c_d"
35     + "\n\t5: Without first and last character"
36     + "\nEnter your choice: ");
37
38     //Declaration for outputType
39     int outputType = 0;
40     outputType = Integer.parseInt(userInput.nextLine());
41
42     //beginning of if statement -----
43     if (outputType == 0) // as is
44     {
45         result = message;
46
47     }
48     else if (outputType == 1) // trimmed
49     {
50         result = message.trim();
51
52     }
53     else if (outputType == 2) // lower case
54     {
55         result = message.toLowerCase();
56
57     }
58     else if (outputType == 3) // upper case
59     {
60         result = message.toUpperCase();
61
62     }
63     else if (outputType == 4) // replace vowels
64     {
65         result = message.replace('a', '_');
66         result = result.replace('e', '_');
67         result = result.replace('i', '_');
68         result = result.replace('o', '_');
69         result = result.replace('u', '_');
70     }
71     else if (outputType == 5) // without first and last character
72     {
73         result = message.substring(1, message.length() - 1);
74     }
75     else // invalid input
76     {
77         result = "Error: invalid choice input.";
78     }
79     //-----
80
81     //output
82     System.out.println("\n" + result);
83
84
85
86
87
88 }
89 }
```

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