

Hasil Soal 1.



The image shows a VS Code editor with three tabs: 'JS Soal1.js U', 'JS Soal2.js U', and 'Soal3.sql U'. The 'JS Soal1.js' tab is active, displaying the following JavaScript code:

```
1 function soal1(arr) {  
2   let result = [];  
3  
4   for (let i = 1; i < arr.length; i++) {  
5     if (arr[i] < arr[i - 1]) {  
6       result.push(arr[i]);  
7     }  
8   }  
9   result.sort((a, b) => b - a);  
10  return result;  
11 }  
12  
13 const input = [2,4,6,5,3,1,7,9,10,8];  
14 console.log(soal1(input));
```

Below the editor, the 'TERMINAL' tab is active, showing the command prompt output:

```
PS C:\Users\yudis\Documents\Code\msbu_test> node soal1.js  
[ 8, 5, 3, 1 ]  
PS C:\Users\yudis\Documents\Code\msbu_test> |
```

Hasil Soal 2

JS Soal1.js U

JS Soal2.js U X

Soal3.sql U

JS Soal2.js > soal2

```
1 function soal2(str) {  
2   let result = '';  
3   let count = 1;  
4  
5   for (let i = 0; i < str.length; i++) {  
6     if (str[i] === str[i + 1]) {  
7       count++;  
8     } else {  
9       result += `${str[i]} = ${count}\n`;  
10      count = 1;  
11    }  
12  }  
13  return result;  
14 }  
15  
16 const input = "aaabbcccaaaac";  
17 console.log(soal2(input));
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

GITLENS

PS C:\Users\yudis\Documents\Code\msbu_test> node soal2.js

a = 3

b = 2

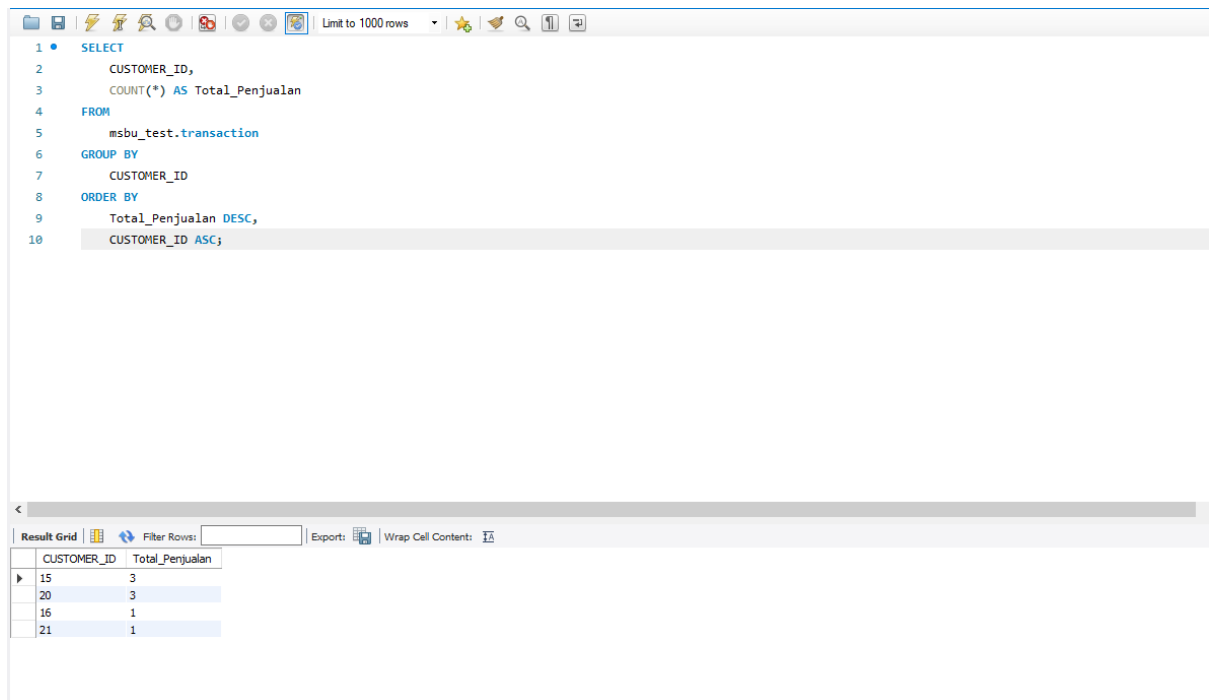
c = 3

a = 4

c = 1

PS C:\Users\yudis\Documents\Code\msbu_test> |

Hasil Soal 3



The screenshot displays a SQL query editor interface. The query is as follows:

```
1 SELECT
2     CUSTOMER_ID,
3     COUNT(*) AS Total_Penjualan
4 FROM
5     msbu_test.transaction
6 GROUP BY
7     CUSTOMER_ID
8 ORDER BY
9     Total_Penjualan DESC,
10    CUSTOMER_ID ASC;
```

Below the query editor, the results are shown in a grid. The grid has two columns: **CUSTOMER_ID** and **Total_Penjualan**. The data is sorted by **Total_Penjualan** in descending order, and then by **CUSTOMER_ID** in ascending order.

	CUSTOMER_ID	Total_Penjualan
▶	15	3
	20	3
	16	1
	21	1