



Challenge 2: Set the Smallest Number to -1

Test your knowledge by solving a challenge in this lesson.

We'll cover the following



- Problem statement
 - Sample input
 - Sample output
- Coding exercise

Problem statement#

Your task is to write a function `minimum`. In the function parameter, you will pass two values of type `int` by reference, and function will set the smallest number of the two to `-1`.

```
void minimum (int &number1 , &number2 ) ;
```

Your function should:

- Compare the values of `number1` and `number2` and set the variable with the smallest value to `-1`;
- If values of both `number1` and `number2` are equal, then set both to `-1`.

Sample input#



```
int number1 = 6;  
int number2 = 2;
```

Sample output#

```
number1 = 6;  
number2 = -1
```

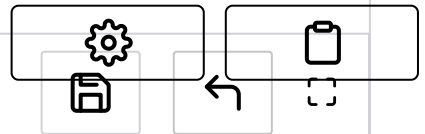
Coding exercise#

Before diving directly into the solution, try to solve it yourself. Then check if your code passes all the test cases.

 Your function name should be `minimum`.

Good luck! 🍀

```
1  /* Write your function minimum here
2  The function should take two values of type int in its input parameters
3  and return nothing in the output*/
4  void minimum (int &number1, int &number2){
5  // Write your code here
6      if (number1 > number2) {
7          number2 = -1;
8      }
9      else if (number2 > number1) {
10         number1 = -1;
11     }
12     else {
13         number1 = -1;
14         number2 = -1;
15     }
16 }
```



Show Results

Show Console



1.2s

4 of 4 Tests Passed

Result	Input	Expected Output	Actual Output	Reason
✓	number1 = 6 , number2 = 2	number1 = 6 , number2 = -1	number1 = 6 , number2 = -1	Succeeded
✓	number1 = 15 , number2 = 15	number1 = -1 , number2 = -1	number1 = -1 , number2 = -1	Succeeded
✓	number1 = -31 , number2 = -65	number1 = -31 , number2 = -1	number1 = -31 , number2 = -1	Succeeded
✓	number1 = -900 , number2 = 10001	number1 = -1 , number2 = 10001	number1 = -1 , number2 = 10001	Succeeded

If you have solved the problem, congratulations!

In case you are stuck, go over the solution review in the next lesson.

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Solution Review: Convert Digits from ...

Solution: Set the Smallest Number to -1

Completed

Report an Issue