

## Challenge 2: Set the Smallest Number to -1

Let's test our knowledge by solving a challenge in this lesson.

### We'll cover the following ^

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

## Problem statement #

In this challenge, your task is to write a function `minimum`. In the function parameter, you will pass the 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, first, try to solve it yourself, and then check if your code passes all the test cases. If you get stuck, you can always see the given solution.

 Your function name should be `minimum`.

Good Luck! 

```
/* Write your function minimum here
The function should take two values of type int in its input parameters
and return nothing in the output*/
void minimum (int &number1, int &number2){
// Write your code here
}
```



 If you have solved the problem, congratulations!

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