

# Test

## In the code

The code is under <https://github.com/itamaredbmaestro/BlazorTest>

The following program has a list of employees working in customer support, for each employee we have the number of calls handled in regards to the minimum requirement of 10 calls per working day (that number could be negative if they handled less than required).

## Question 1

Implement the method `BlazorTestBL.GetMaxSum`

This method gets an array of numbers and returns the sub array with the max sum.

Example: [-2, 1, -3, 4, -1, 2, 1, -5, 4]

The results will be between indexes 3-7 the total is 6.

## Question 2

Update "BlazorDbTable\Pages\EEmail.razor" to look like this:

merav@dbmaestro.com

ori@dbmaestro.com

Email content 1

Email content 2

Use "BlazorDbTable\ViewModel\EEmailsVM.cs" as the view model for this page.

All the content will be taken from "BlazorTestBL\BlazorTestBL.cs" class.

The functions that you need are "GetEmployees" to get the list of employees and their emails and "CreateEmployeeEmail" to get the list of emails for a specific employee.

Use "BlazorDbTable\Pages\Employees.razor" and  
"BlazorDbTable\ViewModel\EmployeesVM.cs" as a reference if needed.

## Database

You have the following tables:

Competitors:

ID	Name	PhoneNO	Address
1	Danny	052-1234567	Hayarkon Tel Aviv
2	Lisa	052-2223344	Rotchiled Tel Aviv
3	Avi	052-7654321	King Gorge Tel Aviv

Contests:

ID	Content
1	Scavenger hunt
2	House decoration
3	Arts and Crafts

Results:

Competitor	Contest	Points
1	1	5
1	2	5
1	3	5
2	2	8
2	3	2
3	1	7
3	2	2
3	3	9

## Question 1

Create a query that will return for each contestant, how many points he has.

ID	Name	Points
1	Danny	15
2	Lisa	10
3	Avi	18

## Question 2

Create a query that will return contestants that didn't participate in one of the contents and which contest they didn't participate in.

Competitor_ID	Competitor_Name	Contest_ID	Contest_Name
2	Lisa	1	Scavenger hunt