

My Project

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Chapter 1

File Index

1.1 File List

Here is a list of all files with brief descriptions:

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Chapter 2

File Documentation

2.1 matrixoperations.c File Reference

```
#include "matrixoperations.h"
#include <stdio.h>
```

Functions

- int **GAN** (char *lol, PMATRIX don)
- float **PLUS** (PMATRIX don, int part)
The PLUS function calculates the sum of all numbers in the selected part of the matrix.
- float **MIN** (PMATRIX don, int part)
MIN function - output the minimum number from the selected part of the matrix.
- float **MAX** (PMATRIX don, int part)
MAX function - output the maximum number from the selected part of the matrix.

2.1.1 Function Documentation

2.1.1.1 GAN()

```
int GAN (
    char * lol,
    PMATRIX don )
```

2.1.1.2 MAX()

```
float MAX (
    PMATRIX don,
    int part )
```

MAX function - output the maximum number from the selected part of the matrix.

Parameters

in	<i>PMATRIX</i>	don, int part - incoming parameters pointing to the desired part of the matrix
out	<i>float</i>	S - outgoing parameter denoting the final result
	<i>int</i>	j1, j2, I, J - parameters used to read the desired matrix values

2.1.1.3 MIN()

```
float MIN (
    PMATRIX don,
    int part )
```

MIN function - output the minimum number from the selected part of the matrix.

Parameters

in	<i>PMATRIX</i>	don, int part - incoming parameters pointing to the desired part of the matrix
out	<i>float</i>	S - outgoing parameter denoting the final result
	<i>int</i>	j1, j2, I, J - parameters used to read the desired matrix values

2.1.1.4 PLUS()

```
float PLUS (
    PMATRIX don,
    int part )
```

The PLUS function calculates the sum of all numbers in the selected part of the matrix.

Parameters

in	<i>PMATRIX</i>	don, int part - incoming parameters pointing to the desired part of the matrix
out	<i>float</i>	S - outgoing parameter denoting the final result
	<i>int</i>	j1, j2, I, J - parameters used to read the desired matrix values

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