My Project

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Chapter 1

File Index

1.1 File List

Here is a list of all files with brief descriptions:

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

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