

My Project

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Chapter 1

My Project

This is a c-code that solves an important problem!

Author

D. Psaltis

Date

March. 20, 2020

Chapter 2

Todo List

Global `addEl` (double `a[]`)

have to check if the array has at least two elements

Chapter 3

File Index

3.1 File List

Here is a list of all files with brief descriptions:

array.c	The main documentation	7
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Chapter 4

File Documentation

4.1 array.c File Reference

The main documentation.

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

Functions

- double [addEl](#) (double a[])
Adds the first two elements of the array.
- int [main](#) (void)
Main function.

4.1.1 Detailed Description

The main documentation.

Definition in file [array.c](#).

4.1.2 Function Documentation

4.1.2.1 addEl()

```
double addEl (
    double a[] )
```

Adds the first two elements of the array.

Given the array of doubles `a[]` in the arguments, it first change the 0-th element to 2.0 and then adds the first two elements.

It returns the sum of the first two elements.

Author

D. Psaltis

Version

1.0

Date

Mar 23, 2020

Todo have to check if the array has at least two elements

Parameters

<code>a[]</code>	an array of doubles that will be changed
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Returns

sum a double with the sum of the first two array elements

Definition at line 41 of file [array.c](#).

4.1.2.2 main()

```
int main (
    void )
```

Main function.

This is just the main function

v2/0 This was corrected

v1.0 This was the first attempt

Author

D. Psaltis

Version

2.0

Date

Mar 23, 2020

Definition at line 69 of file [array.c](#).

4.2 array.c

[Go to the documentation of this file.](#)

```
00001
00015 #include <stdio.h>
00016
00041 double addEl(double a[])
00042 {
00043     double sum;
00044
00045     a[0]=2.0;
00046     sum=a[0]+a[1];
00047
00048     return sum;
00049
00050 }
00051
00069 int main(void)
00070 {
00071     double a[2]={1.0,1.0};
00072     double sum=addEl(a);
00073     printf("%f\n",sum);
00074     return 0;
00075 }
```


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