

My Project

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Contents

1	Assignment-3	1
2	File Index	3
2.1	File List	3
3	File Documentation	5
3.1	hw_fixed.cc File Reference	5
3.1.1	Function Documentation	5
3.1.1.1	deviation	5
3.1.1.2	Equation	5

Chapter 1

Assignment-3

Assignment 3 code for CS3560 Ohio University

Chapter 2

File Index

2.1 File List

Here is a list of all documented files with brief descriptions:

hw_fixed.cc	5
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Chapter 3

File Documentation

3.1 hw_fixed.cc File Reference

```
#include <iostream>
#include <vector>
#include <cmath>
```

Functions

- int [deviation](#) (int *a, int n)

3.1.1 Function Documentation

3.1.1.1 int deviation (int * a, int n)

Calculates and returns the standard deviation of an array

3.1.1.2 Equation

$$s = \sqrt{\frac{1}{N-1} \sum_{i=1}^N (x_i - \bar{x})^2}$$

Parameters

<i>a</i>	the pointer of an array of integers
<i>n</i>	the size of the array in the first parameter

Returns

int

