

HW3

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Chapter 1

File Index

1.1 File List

Here is a list of all files with brief descriptions:

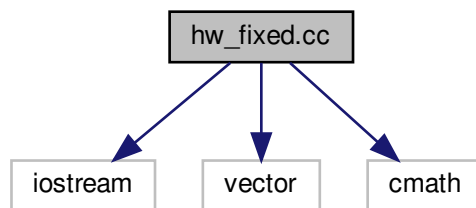
hw_fixed.cc	3
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Chapter 2

File Documentation

2.1 hw_fixed.cc File Reference

```
#include <iostream>
#include <vector>
#include <cmath>
Include dependency graph for hw_fixed.cc:
```



Functions

- double `deviation` (int *a, int n)

2.1.1 Function Documentation

2.1.1.1 deviation()

```
double deviation (
    int * a,
    int n )
```

The function that is used to find the standard deviation using an array of integers and the size of the array. v- Vector to hold the array in for simplicity.

Parameters

a	Array of integers used to find standard deviation
n	Size of array

The function for Standard Deviation

$$\sigma = \sqrt{\frac{\sum_{i=1}^n (a_i - \bar{a})^2}{n - 1}}$$

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deviation
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