

README FILE

Programming Assignment 1 Part 2

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State the Aggie Honor statement:

I certify that I have listed all the sources that I used to develop the solutions and code to the submitted work.

On my honor as an Aggie, I have neither given nor received any unauthorized help on this academic work.

Your Name Zeeshan Virani

Date 2/9/2021

List any resources used such as webpages (provide URL). Do not mention the textbook and discussions with the Instructor, TA, or Peer Teachers.

People	
Web pages (provide URL)	
Printed material	
Other Sources	

List any known problems/issues with the assignment you are turning in. For example, if you know your code does not run correctly, state that. This should be a short explanation.

My code had no issues when I turned it in. All the test cases on Mimir were passed.

Provide a short description for the solution or pseudocode for the assignment questions.

The Collection uses bunch of functions that allow it to imitate the vector class in c++. There are functions to insert and remove items as well as count the number of items of a specific type or find the total number of items in the collection itself. This was used in conjunction with the Stress Ball class that contains the size and color of a stress ball. The collection would store different stress balls like a vector would.

Provide screenshots of two test cases (from Computer Science Linux machine) and show how you compiled the program (Ex: Command Line and IDE).

```
CSCE221_PA1_2_Starter_code --bash -- 12
(base) Zeeshans-MacBook-Pro:CSCE221_PA1_2_Starter_code zeeshanvirani$ ./a.out
(blue, small)
(blue, large)
(red, large)
(yellow, medium)
(blue, large)
(blue, medium)
(red, large)
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(red, small)
(red, small)
(yellow, small)
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(green, medium)
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(red, large)
(yellow, medium)
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(blue, large)
(red, medium)
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(blue, large)
(blue, large)
(yellow, small)
(red, large)
(blue, medium)
(red, large)
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(red, small)
(green, small)
(blue, large)
(yellow, large)
(green, medium)
(yellow, small)
(yellow, medium)
(yellow, large)
(green, small)
(red, medium)
(green, small)
(yellow, small)
(blue, medium)
(red, small)
(yellow, small)
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3
8
15
15
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(red, large)
(yellow, medium)
(yellow, large)
(red, small)
(yellow, small)
(blue, large)
(red, medium)
(green, medium)
(blue, large)
(blue, large)
(blue, large)
(yellow, small)
(red, large)
(blue, medium)
(red, large)
(red, small)
```

Your Name (signature)

Zeeshan Virani

Date

2/9/21