

README FILE

Programming Assignment 1Part 1

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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: 1/22/21

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	

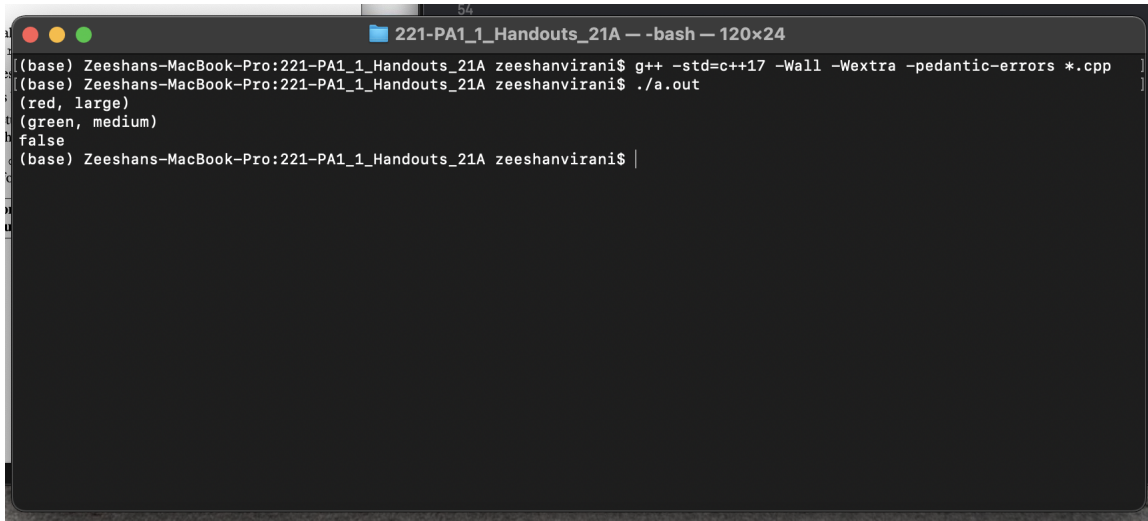
List any known problems/issues with the assignment you are turning in. For example, if you know your code does not run correctly, state that. This should be a short explanation.

None.

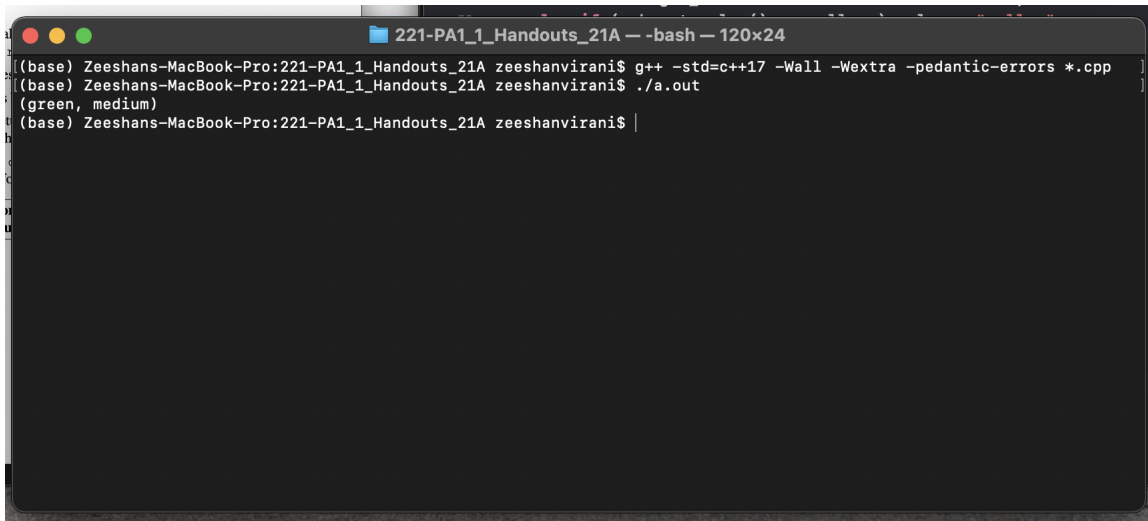
Provide a short description for the solution or pseudocode for the assignment questions.

The Stress_ball class is created with two constructors. One is the default that uses a random number to select the color and size. The other constructor uses defined color and size from the main function. There is also a method to get the size and color. The equals to operator also was overloaded so that comparison between two objects of Stress_ball could be compared. The output stream was also added for the Stress_ball class so that we can print to the screen the size and color of the stress ball object.

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



```
221-PA1_1_Handouts_21A — -bash — 120x24
(base) Zeeshans-MacBook-Pro:221-PA1_1_Handouts_21A zeeshanvirani$ g++ -std=c++17 -Wall -Wextra -pedantic-errors *.cpp
(base) Zeeshans-MacBook-Pro:221-PA1_1_Handouts_21A zeeshanvirani$ ./a.out
(red, large)
(green, medium)
false
(base) Zeeshans-MacBook-Pro:221-PA1_1_Handouts_21A zeeshanvirani$
```



```
221-PA1_1_Handouts_21A — -bash — 120x24
(base) Zeeshans-MacBook-Pro:221-PA1_1_Handouts_21A zeeshanvirani$ g++ -std=c++17 -Wall -Wextra -pedantic-errors *.cpp
(base) Zeeshans-MacBook-Pro:221-PA1_1_Handouts_21A zeeshanvirani$ ./a.out
(green, medium)
(base) Zeeshans-MacBook-Pro:221-PA1_1_Handouts_21A zeeshanvirani$
```

Your Name (signature) Zeeshan Virani

Date 1/22/21