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 Aniket Patel Date 8/25/20

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)	https://www.geeksforgeeks.org/enum-classes-in-c-and-their-advantage-over-enum-datatype/ https://en.cppreference.com/w/cpp/language/enum https://stackoverflow.com/questions/2999012/generating-random-enums
Printed material	
Other Sources	

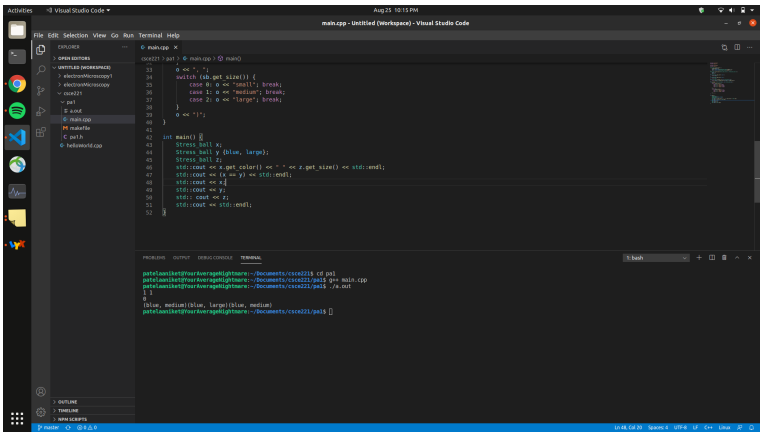
List any known problems/issues with the assignment you are turning in. For example, if you know your code does not run correctly, state that. This should be a short explanation.

I had main.cpp, pa1.cpp, and pa1.h files, but mimir would not work with that. I had to combine the main.cpp and pa1.cpp files for mimir to work correctly.

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

Created a header file with the enum classes and the Stress_ball class declarations. Created two private variables for the Stress_ball class called size and color. Added declarations for the constructors, the gettter functions and overloaded the operator ==. Placed overload declaration of << outside class declaration. The main file implements the functions. One of the constructors assigns random values to the object, while the other assigns user defined values to the object. The getter functions simply return size and color respectively. The overloading == function checks if the both attributes of the object match and return true if they do and false otherwise. The << overloading function compares the enum class attribute of the object with corresponding integers to print out the correct color and size. The main function tests each function.

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



Your Name (signature) Aniket Patel Date 8/25/20