

- Group # 15
1. Dominic Szymanski
 2. Alex Fridman
 3. Ry Kuper

Debug Results

No	File name	The Line number of the bug in the source code	Brief description of the bug
1	Location.cpp	13	In the Location class, the getter function for latitude is incorrectly returning the wrong class member variables. Found through looking at code.
2	Location.h	9	Function contained incorrect parameter, was set to double and changed to integer.
3	Location.cpp	4	Function was passing longitude as a double. Found through debugging.
4	Location.h	6/7	Incorrect data type of member listed as double. Variable is changed to integer.
6	Location.h	5	Access identifier was set to public for data types when it should have been private. Found through scanning over code
7	Developer.h	13	In the Developer class, the copy constructor is incorrectly assigning the age pointer instead of creating a new integer and copying the value. Found through debug.
8	Developer.h	5	Access identifier was set to public for data types when it should have been private. Found through scanning over code
9	Location.cpp	46	The calculation of the distance between the two Location objects in the distanceFrom function is incorrect. Formula was not correctly implemented fixed issue.
10	Location.cpp	6	In the Location constructor, the latitude and longitude variables are swapped when being assigned to their respective class members. Found through looking at code.
11	Location.cpp	25	In the Location class, the setter functions for latitude is incorrectly setting the class member variable. Found through looking at code.
12	Location.cpp	30	In the Location class, the setter function longitude is duplicating while setting the class member variables.
13	Location.cpp/ Location.h	67/17	Operator function was added to print the necessary data members to console. Added function signature to header with the keyword friend to gain access to object members.

Group # 15

1. Dominic Szymanski
2. Alex Fridman
3. Ry Kuper

14	Location.cpp/ Location.h	15/10	Created copy constructor to assure the proper data members are copied. Function signature in header file was created.
15	Location.cpp/ Location.h	13/11	Created destructor to assure the proper data members are deleted. Function signature in header file was created.
16	Location.h	14	Parameter name was set to "age" in setLatitude function. Named the variable the appropriate name.
17	Location.h	15	Parameter name was set to "age" in setLongitude function. Named the variable the appropriate name.
18	Developer.h	2	Not specifically a bug but represents poor practice. Unnecessary library was used.
19	Developer.h	2	Namespace as it is not applicable to header file.
20	Location.h	2	Namespace as it is not applicable to header file.