

Project 2 Testing Results		
Correct Program 1		
Line	Error	Change
No Errors		
Correct Program 2		
No Errors		
Correct Program With Warnings		
4	Variable is not initialized [b]	Add b = 1 after line 4
6	Variable is not used [e]	Add 'if(e == 1) {}' after line 6
6	Variable is not initialized [e]	Add 'e = 1' after line 6
9	Variable is not initialized [x]	Add 'x = "alan"' after line 9
Incorrect Program 1		
5	Type Mismatch: Cannot compare [int] to [string]	Change 'b' to 'a' on line 5
5	Type Mismatch: Cannot assign [boolean] to [int]	Change left most 'a' to 'd' on line 5
8	Type Mismatch: Cannot compare [string] to [int]	Change '1' to '"x"' on line 8
8	Type Mismatch: Cannot assign [boolean] to [string]	Change 'b' to 'd' on line 8
9	Type Mismatch: Cannot compare [int] to [string]	Change 'a' to 'b' on line 9
14	Type Mismatch: Cannot add [int] to [boolean]	Change 'd' to '1' on line 14
20	Type Mismatch: Cannot compare [string] to [int]	Change '"string"' to '1' on line 20
21	Type Mismatch: Cannot compare [int] to [boolean]	Change '1' to 'd' on line 21
22	Type Mismatch: Cannot add [int] to [string]	Change '"string"' to 'a' on line 22
3	Variable is not initialized [b]	Add 'b = "x"' after line 24
Incorrect Program 2		
3	Type Mismatch: Cannot compare [boolean] to [int]	Change 'true' to '5' on line 3
3	Type Mismatch: Cannot compare [string] to [boolean]	Change 'false' to '"y"' on line 3
3	Type Mismatch: Cannot compare [int] to [boolean]	Change '1' to 'false' on line 3
6	Type Mismatch: Cannot add [int] to [boolean]	Change 'true' to '0' on line 6
7	Type Mismatch: Cannot add [int] to [string]	Change '"a"' to '9' on line 6
11	Variable is not declared in scope [y]	Add 'boolean y' before line 11
Incorrect Program 3		
9	Variable is not declared in scope [b]	Add 'int b' before line 9

20	Variable is already declared [a]	Remove line 20
22	Variable is not declared in scope [b]	Remove line 22
22	Variable is not declared in scope [z]	Change 'z' to 'a'