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CPSC 370

Cppcheck Lab

In the first file I tested, I discovered two errors. First, there was an “array index -1 is out of bounds” error on line 1293. This same error occurred on line 1426 as well. The reason the error was occurring was because I was iterating down from an integer all the way to zero, and then in some cases the integer would be decremented again after the loop. This meant I was passing -1 as the index into the array in both situations. I solved this problem by ensuring the loop stopped at 1, since the decrement could only occur once.

In the second file I tested, I discovered one error.