Student: James Nordquist Lab: Programming Exercise 15.2

Design

Structure chart (procedural)

\_\_\_\_\_ Doesn’t exist

\_\_\_\_\_ Incorrect format

Pseudocode

\_\_\_\_\_ Done after code

\_\_\_\_\_ Not enough details

\_\_\_\_\_ Doesn’t exist

\_\_\_\_\_ Isn’t pseudocode

Code Aesthetics/Readability

Formatting

\_\_\_\_\_ Inappropriate spacing between operators

\_\_\_\_\_ Inappropriate vertical line spacing

\_\_\_\_\_ Inappropriate indentation

Documentation (see revised style guide for your course)

\_\_\_\_\_ Doesn’t follow style guide

\_\_\_\_\_ Inadequate documentation

\_\_\_\_\_ No documentation

Descriptive identifier names

\_\_\_\_\_ Doesn’t follow naming conventions

\_\_\_\_\_ Uses magic numbers instead of constants

Code Mechanics

\_\_\_\_\_ Memory Leaks x \_\_\_\_\_

\_\_\_\_\_ Incorrect statement usage (break - outside of switch, return with no value, continue, goto)

\_\_\_\_\_ Redundant code (duplicated code fragments should be made into functions)

\_\_\_\_\_ Not closing an opened file

\_\_\_\_\_ Not checking to see if a file was opened before using

\_\_\_\_\_ Not using the correct delete

\_\_\_\_\_ Using “using namespace std;”

\_\_\_\_\_ Inappropriate modularity

Program

\_\_\_\_\_ Output is not self-documenting

\_\_\_\_\_ Missing major component \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_ Missing minor component \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_ Does not follow lab specifications \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_ Runtime crash \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_ Logic error \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_ Does not compile

Lab Submission

\_\_\_\_\_ Incorrect submission (necessary files not present, corrupted submission)

\_\_\_\_\_ Late submission x \_\_\_\_\_ days

\_\_\_\_\_ Incorrect naming convention (PE 12\_7\_4 Firstname Lastname)

\_\_\_\_\_ Intermediate files not deleted before zipping