With every lab, you will complete a self-assessment (checklist) and report. For the checklist, please check, or otherwise indicate, which of the specification, requirements, and comments and code quality you successfully completed. Your assessment will be evaluated based on its accuracy! So please be careful when filling it out.

**Self-assessment:**

|  |  |
| --- | --- |
| **Specifications** | [ ]  Describe what the program will do[ ]  Meets of all specs for Lab2[ ]  Use a single function to get the height and radius of the tree[ ]  Use a function to compute and return the surface areas [ ]  Use a function to compute and return the length of the tree[ ]  Use a function to output the height, length, radius, and surface area of the tree[ ]  Use functions to compute and output the length of fabric needed[ ]  Terminate safely |
| **Requirements** | [ ]  Code runs with no warnings[ ]  Code terminates safely (no crashes)[ ]  Code runs with no errors |
| **Comments and Code Quality** | [ ]  Header comment includes name of author, program, and brief description of purpose of program[ ]  Brief comment for all variable declarations[ ]  Brief comment for all logical blocks[ ]  Correct file layout[ ]  Correct code layout[ ]  Correct naming conventions followed[ ]  Appropriate use of constants[ ]  Appropriate use of functions |

Next, fill out the following report. To receive full marks, please provide an answer to each question or prompt. This is a chance to reflect upon your lab, so please put effort into giving accurate and meaningful answers. Use as much space as needed.

**Report:**

1. Describe a challenge(s) you encountered writing your program:
2. Identify a possible cause of the challenge(s) you described:
3. How could you avoid the challenge(s) on future labs?
4. What did you learn while completing this lab?