CSC1310 program 4 grade sheet

**NOTE: Program 4 may NOT be turned in late!!! This is different from the last three programs. You can’t turn in late for a reduced grade. You can’t email your program. Programs must be submitted via ilearn.**

|  |  |
| --- | --- |
|  | TOTAL GRADE (OUT OF 100%) |
|  | EXECUTION (program compileS and GIVES correct output) (15%) Program compiles & works (testing with all 5 graph text files) = **15 points**  Program doesn’t compile or compiles but doesn’t work = **0 points** |
|  | SPECIFICATION (FOLLOWS THE PROGRAMMING ASSIGNMENT) (85%)  |  |  | | --- | --- | |  | * **[10 points]** Included all files (including graph text files) * **[25 points]** Correctly creates adjacency matrix & prints to screen in readable way -created GraphMatrix.h class containing private attributes and public functions as specified * **[25 points]** Correctly creates adjacency list & prints to screen in readable way -created GraphList.h class containing private attributes and public functions as specified * **[25 points]** Correctly prints out vertices as they are being pushed to stack using DFS algorithm. | |
|  | **EXTRA CREDIT (10 POINTS)**   * (5 points) Correctly chooses the vertex which should be the starting (first) vertex. * (5 points) Correctly identifies graph as having a cycle |