

COP 3503 Spring 2018 Old Program #3 (Program #4) Grading Criteria

1. Reads from standard input, outputs to standard output (5 pts each, 10 total)
2. Read all input for a case into ints or longs (5 pts)
3. Sets up a distance array for BFS (5 pts)
4. Uses a Queue of some sort for BFS (5 pts)
5. Initializes distance and queue appropriately (5 pts)
6. Has appropriate while loop for BFS (5 pts)
7. Attempts to enqueue new items, immediately marks distance (5 pts)
8. 100 test cases, .5 points a piece, round down (50 points) – **Run Time Limit = 30 seconds total (namely, only give credit to cases finished in the first 30 seconds and then stop running their program, if necessary.)**
9. Comments, Use of White space, Good consistent coding style (10 points)