

COP 3503 Spring 2022 Program #4 Grading Criteria (100 points total)

1. Properly Reads and Stores Input - 5 pts (all or nothing)
2. Has a **SEPARATE METHOD FOR BFS** – 5 pts (all or nothing)
3. Outputs a single integer - 5 pts (all or nothing)
4. Uses a queue of some sort for BFS – 5 pts (all or nothing).
5. Has a distance array – 5 pts (all or nothing)
6. Has a while loop for BFS – 5 pts (all or nothing)
7. Tries to enqueue neighbors in BFS loop – 5 pts
8. Attempts to prevent re-enquing a square – 5 pts
9. Header Comment, Comments, Use of White space, Good consistent coding style - 10 pts, grader decides partial as they see fit.

10. Test cases - 25 cases worth 2 points each (50 pts total)

All or nothing credit on each test case. Either the answer is correct (+2) or the answer is not correct (+0).

Run Time Limit = 2 seconds for each case.