N-Puzzle

**Sample TEST CASES**

# SAMPLE TESTS

|  |  |  |
| --- | --- | --- |
| **Case #** | **# of movements** | **Output file (To check the detailed moves)** |
| 8 Puzzle (1).txt | 8 | Solutions/8 Puzzle (1) - Sol.txt |
| 8 Puzzle (2).txt | 20 | Solutions/8 Puzzle (2) - Sol.txt |
| 8 Puzzle (3).txt | 14 | Solutions/8 Puzzle (3) - Sol.txt |
| 15 Puzzle - 1.txt | 4 | Solutions/15 Puzzle (1) - Sol.txt |
| 24 Puzzle 1.txt | 5 | Solutions/24 Puzzle 1 (Sol).txt |
| 24 Puzzle 2.txt | 5 | Solutions/24 Puzzle 2 (Sol).txt |

## Cases Output Description

You shall output these for each case:

* The minimum # of moves using **Hamming Distance in A\* searching algorithm**