# Tic Tac Toe Grading Rubric

Student Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| --- | --- | --- |
| **Functional Correctness (Behavior)** |  |  |
| Program prompts user for name | 2 |  |
| Program marks board where user requested | 5 |  |
| Program prints a readable board after user’s turn | 5 |  |
| Program won’t overwrite value on board | 5 |  |
| Program reports who won or if there was a tie | 15 |  |
| Program ends after win, loss, or tie | 3 |  |
| **Sub total** | 35 |  |
| **Technical Correctness** |  |  |
| Correct use of game loop | 5 |  |
| Correctly indexes into lists of lists to store board | 5 |  |
| Correctly check board for mark | 5 |  |
| Check for winners on all three horizontals and verticals | 20 |  |
| Checks for winners on both diagonals | 10 |  |
| **Sub total** | 45 |  |
| **Total** | 80 |  |

## Final Grade

|  |  |  |
| --- | --- | --- |
| **Points Possible** | **Points Earned** | Percentage |
| 80 |  |  |