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CMSC 350 James Huskins

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Project 2: Polynomials

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| --- | --- | --- | --- | --- |
| Test Case | Inputs | Expected Output | Output | PASS/FAIL |
| TC1 | 4.0 3 2.5 1 8 0  5 4 5 0  4.5 4 5.7 2 8.6 0 | (4.0x^3) + (2.5x) + (8.0)  (5.0x^4) + (5.0)  (4.5x^4) + (5.7x^2) + (8.6)  Are we strongly ordered? false.  Are we weakly ordered?: true. | (4.0x^3) + (2.5x) + (8.0)  (5.0x^4) + (5.0)  (4.5x^4) + (5.7x^2) + (8.6)  Are we strongly ordered? false.  Are we weakly ordered?: true. | PASS |
| TC2 | 4.0 3 2.5 1 8  5 4 5 0  4.5 4 5.7 2 8.6 0 | ERROR | ERROR | PASS |
| TC3 |  | ERROR | ERROR | PASS |

Test Cases

# Test Case 1: Correct Inputs

Text

Description automatically generated

# Test Case 2: Not Enough Inputs

Graphical user interface, text, application, Word

Description automatically generated

# Test Case 3: Nothing in File

Graphical user interface, text, application

Description automatically generated

What I learned:

I learned quite a bit about the Iterator utility and Comparator utility. This is something that I didn’t understand well prior to or it just wasn’t clicking. Nodes are strongly used in these areas. I learned about String Builder. This is quite an interesting concept. You can append and to and turn into strings. Such a great project! Looking forward for more. Thank you.