Programming Assignment 1 (Polynomials)

Test Cases

```
Test cases for method evaluate:
Case 1 (3 pts)
poly1
4 6
5 3
-11 1
5 0
evaluated at x=0
Case 2 (4 pts)
poly1
1 6
2 5
3 4
4 3
5 2
6 1
evaluated at x=8
Case 3 (3 pts)
poly1
1 3
-7 2
9 0
evaluated at x=-1
Test cases for method add
Case 1 (6 pts)
                 poly2
1 6
                 -1 6
                -2 5
2 5
3 4
                 -3 4
5 2
                -5 2
6 1
                -6 1
                -7 0
Case 2 (7 pts)
                poly2
poly1
                ----
4 6
                24 8
5 3
                15 5
-11 1
               110 4
5 0
                 5 1
Case 3 (7 pts)
                poly2
poly1
                3 48976
1 6
2 5
                2 1090
3 4
                -1 6
                -2 5
                 -3 4
Case 4 (2 pts)
                poly2
poly1
zero poly/
                zero poly/
empty file
                empty file
Case 5 (3 pts)
                poly2
poly1
                 ----
1 6
2 5
3 4
4 3
                zero poly/
                empty file
5 2
6 1
7 0
Test cases for method multiply
Case 1 (7 pts)
                poly2
poly1
1 6
2 5
3 4
                -2 5
                -3 4
4 3
                -4 3
5 2
                -5 2
6 1
                -6 1
7 0
                -7 0
Case 2 (7 pts)
poly1
                 poly2
                 ----
                24 8
4 6
5 3
                15 5
-11 1
               110 4
5 0
                5 1
Case 3 (7 pts)
poly1
                poly2
                 ----
1 6
                3 48976
2 5
3 4
                2 1090
               -1 6
               -2 5
               -3 4
Case 4 (2 pts)
poly1
                 poly2
                 ----
zero poly/
                 zero poly/
empty file
                 empty file
Case 5 (2 pts)
poly1
                 poly2
1 6
                zero poly/
2 5
3 4
4 3
5 2
                empty file
6 1
7 0
```