

Run 1 :

```
Enter coefficient: 2
Enter exponent: 3
Enter coefficient: 2
Enter exponent: 3
Enter coefficient: 2
Enter exponent: 3
Enter coefficient: 2
Enter exponent: 3
Enter coefficient: 23
Enter exponent: 23
Enter coefficient: -1
Enter coefficients and exponents for your polynomial.
Enter -1 for the coefficient to stop.
Enter coefficient: -1

First polynomial is:
23x^23 + 16x^3
Second polynomial is:
0
Adding the polynomials yields:
23x^23 + 16x^3
+= the polynomials yields:
23x^23 + 16x^3
Subtracting the polynomials yields:
23x^23 + 16x^3
-= the polynomials yields:
23x^23 + 16x^3

Press Enter to continue...
```

Run 2:

```
Enter coefficient: 2
Enter exponent: 3
Enter coefficient: 4
Enter exponent: 5
Enter coefficient: 4
Enter exponent: 3
Enter coefficient: 2
Enter exponent: 3
Enter coefficient: 2
Enter exponent: 3
Enter coefficient: -1
Enter coefficients and exponents for your polynomial.
Enter -1 for the coefficient to stop.
Enter coefficient: -1

First polynomial is:
 $4x^5 + 10x^3$ 
Second polynomial is:
0
Adding the polynomials yields:
 $4x^5 + 10x^3$ 
+= the polynomials yields:
 $4x^5 + 10x^3$ 
Subtracting the polynomials yields:
 $4x^5 + 10x^3$ 
-= the polynomials yields:
 $4x^5 + 10x^3$ 

Press Enter to continue...
```

Run 3:

```
Enter coefficients and exponents for your polynomial.
Enter -1 for the coefficient to stop.
Enter coefficient: 4
Enter exponent: 3
Enter coefficient: 2
Enter exponent: 3
Enter coefficient: 4
Enter exponent: 5
Enter coefficient: 6
Enter exponent: -1
Enter coefficient: -1
Enter coefficients and exponents for your polynomial.
Enter -1 for the coefficient to stop.
Enter coefficient: -1

First polynomial is:
 $4x^5 + 6x^3 + 6$ 
Second polynomial is:
0
Adding the polynomials yields:
 $4x^5 + 6x^3 + 6$ 
+= the polynomials yields:
 $4x^5 + 6x^3 + 6$ 
Subtracting the polynomials yields:
 $4x^5 + 6x^3 + 6$ 
-= the polynomials yields:
 $4x^5 + 6x^3 + 6$ 

Press Enter to continue...
```

Run 4:

```
Enter exponent: 56
Enter coefficient: 65
Enter exponent: -1
Enter coefficient: 23
Enter exponent: 43
Enter coefficient: 54
Enter exponent: 56
Enter coefficient: 76
Enter exponent: 3
Enter coefficient:
-1
Enter coefficients and exponents for your polynomial.
Enter -1 for the coefficient to stop.
Enter coefficient: -1

First polynomial is:
 $5x^{65} + 119x^{56} + 23x^{43} + 65x^4 + 76x^3 + 65$ 
Second polynomial is:
0
Adding the polynomials yields:
 $5x^{65} + 119x^{56} + 23x^{43} + 65x^4 + 76x^3 + 65$ 
+= the polynomials yields:
 $5x^{65} + 119x^{56} + 23x^{43} + 65x^4 + 76x^3 + 65$ 
Subtracting the polynomials yields:
 $5x^{65} + 119x^{56} + 23x^{43} + 65x^4 + 76x^3 + 65$ 
-= the polynomials yields:
 $5x^{65} + 119x^{56} + 23x^{43} + 65x^4 + 76x^3 + 65$ 

Press Enter to continue...
```

Run 5

Enter exponent: 76
Enter coefficient: 545
Enter exponent: -1
Enter coefficient: 232
Enter exponent: 43
Enter coefficient: 54
Enter exponent: 6
Enter coefficient: 76
Enter exponent: 67
Enter coefficient: 98
Enter exponent: -1
Enter coefficient: -1

First polynomial is:

$445x^{54} + 23x^{32} + 5x^6 + 54x^5 + 3x^4$

Second polynomial is:

$8x^{76} + 76x^{67} + 43x^{45} + 232x^{43} + 23x^{32} + 56x^7 + 54x^6 + 643$

Adding the polynomials yields:

$8x^{76} + 76x^{67} + 445x^{54} + 43x^{45} + 232x^{43} + 46x^{32} + 56x^7 + 59x^6 + 54x^5 + 3x^4$
643

+= the polynomials yields:

$8x^{76} + 76x^{67} + 445x^{54} + 43x^{45} + 232x^{43} + 46x^{32} + 56x^7 + 59x^6 + 54x^5 + 3x^4$
643

Subtracting the polynomials yields:

$-8x^{76} - 76x^{67} + 445x^{54} - 43x^{45} - 232x^{43} - 56x^7 - 49x^6 + 54x^5 + 3x^4 - 643$

-= the polynomials yields:

$-8x^{76} - 76x^{67} + 445x^{54} - 43x^{45} - 232x^{43} - 56x^7 - 49x^6 + 54x^5 + 3x^4 - 643$

Press Enter to continue...