Sample run 1:

```
Enter number of polynomial terms: 2
Enter coefficient: 4
Enter exponent: 3
Enter coefficient: 2
Enter exponent: 1

Enter number of polynomial terms: 2
Enter coefficient: 2
Enter exponent: 3
Enter coefficient: 4
Enter exponent: 5

First polynomial is:
2x+4x^3

Second polynomial is:
2x^3+4x^5

Adding the polynomials yields:
2x+6x^3+4x^5

+= the polynomials yields:
2x+6x^3+4x^5

Subtracting the polynomials yields:
2x+2x^3-4x^5

-= the polynomials yields:
2x+2x^3-4x^5
```

Sample run 2:

```
Enter number of polynomial terms: 3
Enter coefficient: 1
Enter exponent: 5
Enter coefficient: 2
Enter exponent: 4
Enter coefficient: 3
Enter exponent: 3

Enter number of polynomial terms: 2
Enter coefficient: -9
Enter exponent: 3
Enter coefficient: 8
Enter exponent: 2

First polynomial is:
3x^3+2x^4+1x^5

Second polynomial is:
8x^2-9x^3

Adding the polynomials yields:
8x^2-6x^3+2x^4+1x^5

+= the polynomials yields:
8x^2-6x^3+2x^4+1x^5

Subtracting the polynomials yields:
-8x^2+12x^3+2x^4+1x^5

-= the polynomials yields:
-8x^2+12x^3+2x^4+1x^5
```

Sample run 3:

```
Enter number of polynomial terms: 3
Enter coefficient: 3
Enter exponent: 3
Enter coefficient: 3
Enter exponent: 3
Enter coefficient: 4
Enter exponent: 4

Enter number of polynomial terms: 2
Enter coefficient: 2
Enter exponent: 2
Enter coefficient: 2
Enter exponent: 2

First polynomial is:
6x^3+4x^4

Second polynomial is:
4x^2

Adding the polynomials yields:
4x^2+6x^3+4x^4

+= the polynomials yields:
4x^2+6x^3+4x^4

Subtracting the polynomials yields:
-4x^2+6x^3+4x^4

-= the polynomials yields:
-4x^2+6x^3+4x^4
```

Sample run 4:

```
Enter number of polynomial terms: 2
Enter coefficient: 3
Enter exponent: 4
Enter coefficient: 5
Enter exponent: 6

Enter number of polynomial terms: 2
Enter coefficient: 3
Enter exponent: 4
Enter coefficient: 5
Enter exponent: 6

First polynomial is:
3x^4+5x^6

Second polynomial is:
3x^4+5x^6

Adding the polynomials yields:
6x^4+10x^6

+= the polynomials yields:
6x^4+10x^6

Subtracting the polynomials yields:
0

-= the polynomials yields:
0
```

Sample run 5:

```
Enter number of polynomial terms: 2
Enter coefficient: 100
Enter exponent: 2
Enter coefficient: -9
Enter exponent: 100

Enter number of polynomial terms: 3
Enter coefficient: 49
Enter exponent: 100
Enter coefficient: 4
Enter exponent: 50
Enter coefficient: -289
Enter exponent: 57

First polynomial is:
100x^2-9x^100

Second polynomial is:
4x^50-289x^57+49x^100

Adding the polynomials yields:
100x^2+4x^50-289x^57+40x^100

+= the polynomials yields:
100x^2+4x^50-289x^57+40x^100

Subtracting the polynomials yields:
100x^2-4x^50+289x^57-58x^100

-= the polynomials yields:
100x^2-4x^50+289x^57-58x^100
```