Output1:
Enter the first polynomial:
Enter the number of terms:3
Enter the coefficient of term 1:3
Enter the exponential of term 1:2
Enter the coefficient of term 2: 2
Enter the exponential of term 2:1
Enter the coefficient of term 3: 5
Enter the exponential of term 3:0
Enter the second polynomial:
Enter the number of terms:2
Enter the coefficient of term 1: 4
Enter the exponential of term 1:1
Enter the coefficient of term 2: 3
Enter the exponential of term 2:0
The first polynomial is :
(3x^2)+(2x^1)+(5x^0)
The second polynomial is :
(4x^1)+(3x^0)
Added polynomials is :
(3x^2)+(6x^1)+(8x^0)
the multiplied polynomail is
(12x^3)+(9x^2)+(8x^2)+(3x^2)+(6x^1)+(20x^1)+(15x^0)
Output2:
Enter the first polynomial:
Enter the number of terms:3
Enter the coefficient of term 1: 2
Enter the exponential of term 1:2
Enter the coefficient of term 2: 1
Enter the exponential of term 2:1
Enter the coefficient of term 3: 1
Enter the exponential of term 3:0
Enter the second polynomial:
Enter the number of terms:0
The first polynomial is :
(2x^2)+(1x^1)+(1x^0)
The second polynomial is :zero polynomial
Added polynomials is :
(2x^2)+(1x^1)+(1x^0)
Multiplied polynomail is zero polynomial.