asher3@uw1-320-06:~/CSS343$ ./a.out

p1 = 4x^4 - 3x^3 + 2x^2 + 1x^1

p1.changeCoeff( 0 , 2 )

p1 = 4x^4 - 3x^3 + 1x^1

Now creating p2!

p2 = 8x^8 + 7x^7 + 6x^6 + 5x^5 + 4x^4 + 3x^3 + 2x^2 + 1x^1

p2.changeCoeff( 0 , 5 )

p2 = 8x^8 + 7x^7 + 6x^6 + 4x^4 + 3x^3 + 2x^2 + 1x^1

p2 - p1 = 8x^8 + 7x^7 + 6x^6 + 6x^3 + 2x^2

p2 = 8x^8 + 7x^7 + 6x^6 + 4x^4 + 3x^3 + 2x^2 + 1x^1

p1 = 4x^4 - 3x^3 + 1x^1

Set p2 = p1

p2 = 4x^4 - 3x^3 + 1x^1

p1 = 4x^4 - 3x^3 + 1x^1

p1 - p1 = 0.0

p2 = 4x^4 - 3x^3 + 9.5x^2 + 1x^1

now creating p3 = p1 + p2;

p3 = 8x^4 - 6x^3 + 9.5x^2 + 2x^1