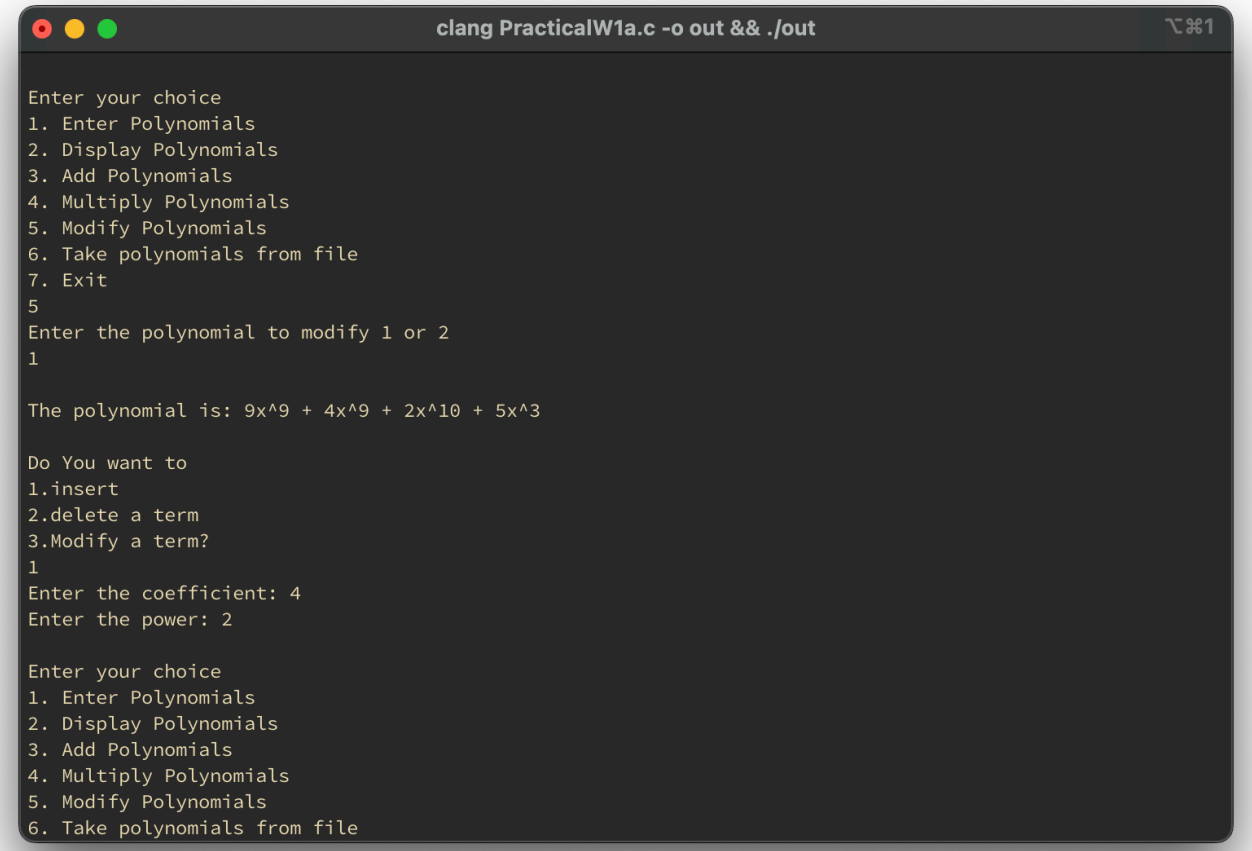
```
clang PracticalW1a.c -o out && ./out                                    ⌥⌘1
~/Documents/Study/sem_3/3rdSemester/DSA/Submissions  main ±  clang PracticalW1a.c -o out && ./out

Enter your choice
1. Enter Polynomials
2. Display Polynomials
3. Add Polynomials
4. Multiply Polynomials
5. Modify Polynomials
6. Take polynomials from file
7. Exit
1
Enter the number of terms in polynomial 1: 4
Enter the coefficient: 9
Enter the power: 9
Enter the coefficient: 4
Enter the power: 9
Enter the coefficient: 2
Enter the power: 10
Enter the coefficient: 5
Enter the power: 3
Enter the number of terms in polynomial 2: 3
Enter the coefficient: 8
Enter the power: 6
Enter the coefficient: 3
Enter the power: 12
Enter the coefficient: 3
Enter the power: 10

Enter your choice
1. Enter Polynomials
```

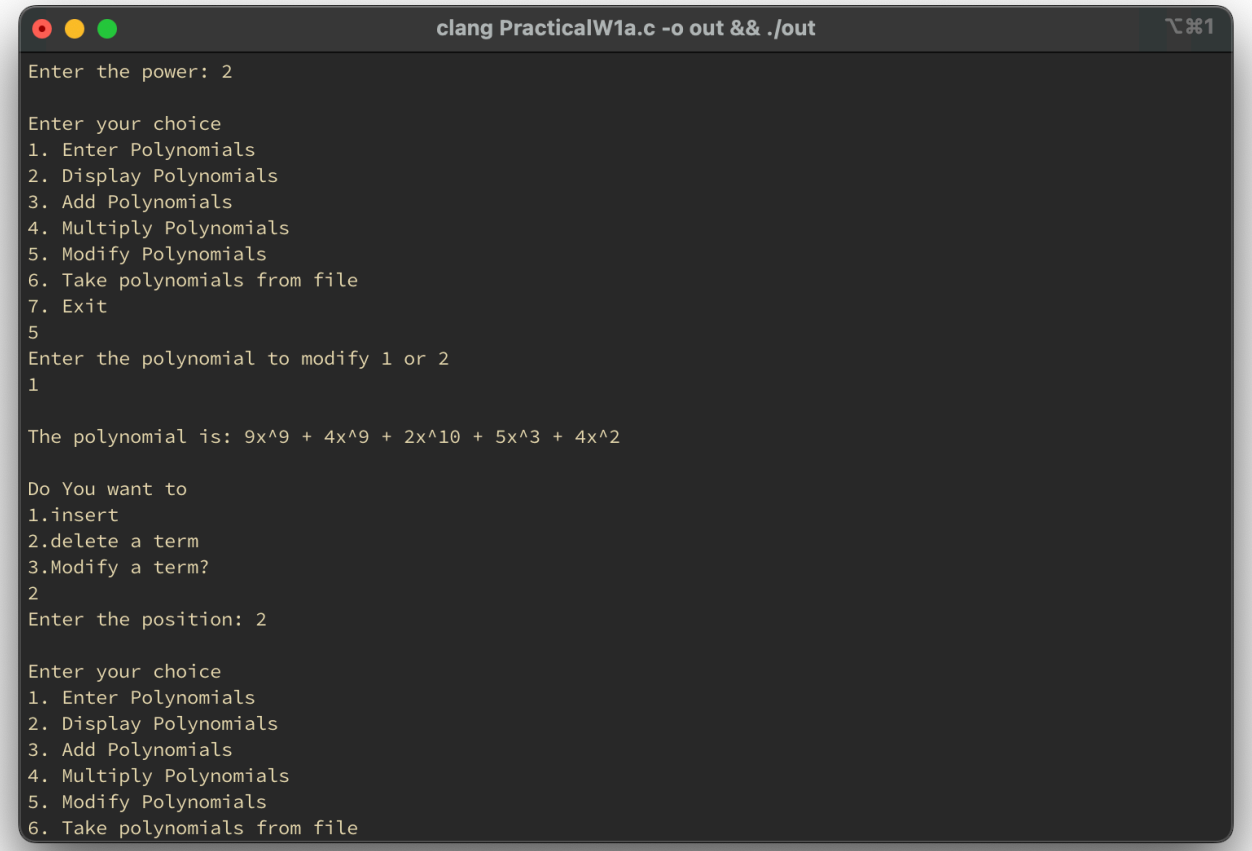
Enter Polynomials

```
clang PracticalW1a.c -o out && ./out                                    ⌥⌘1

Enter your choice
1. Enter Polynomials
2. Display Polynomials
3. Add Polynomials
4. Multiply Polynomials
5. Modify Polynomials
6. Take polynomials from file
7. Exit
3

Addition Result is: 3x^12 + 5x^10 + 13x^9 + 8x^6 + 5x^3

Enter your choice
1. Enter Polynomials
2. Display Polynomials
3. Add Polynomials
4. Multiply Polynomials
5. Modify Polynomials
6. Take polynomials from file
7. Exit
4

Multiplication Result is: 6x^22 + 39x^21 + 6x^20 + 39x^19 + 16x^16 + 119x^15 + 15x^13 + 40x^9

Enter your choice
1. Enter Polynomials
2. Display Polynomials
3. Add Polynomials
4. Multiply Polynomials
```

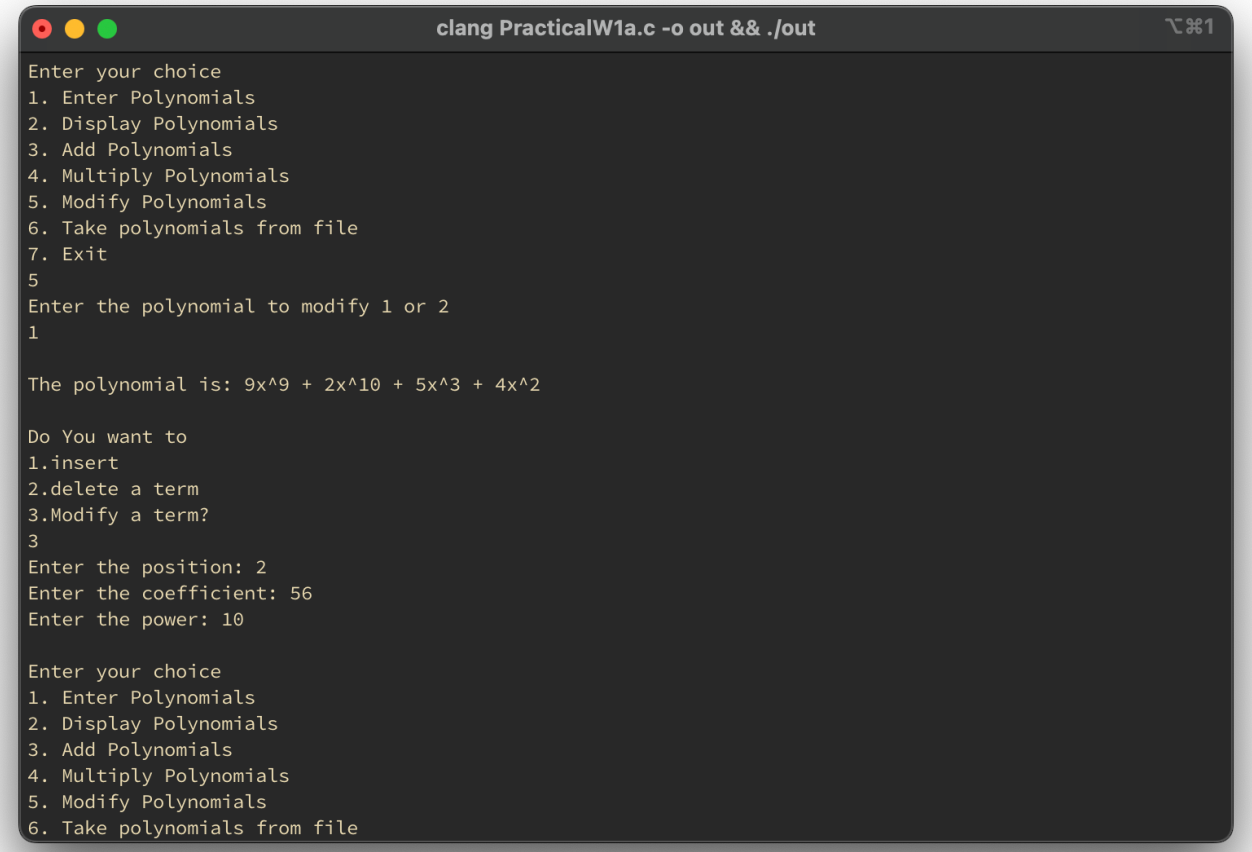
Add & Multiply

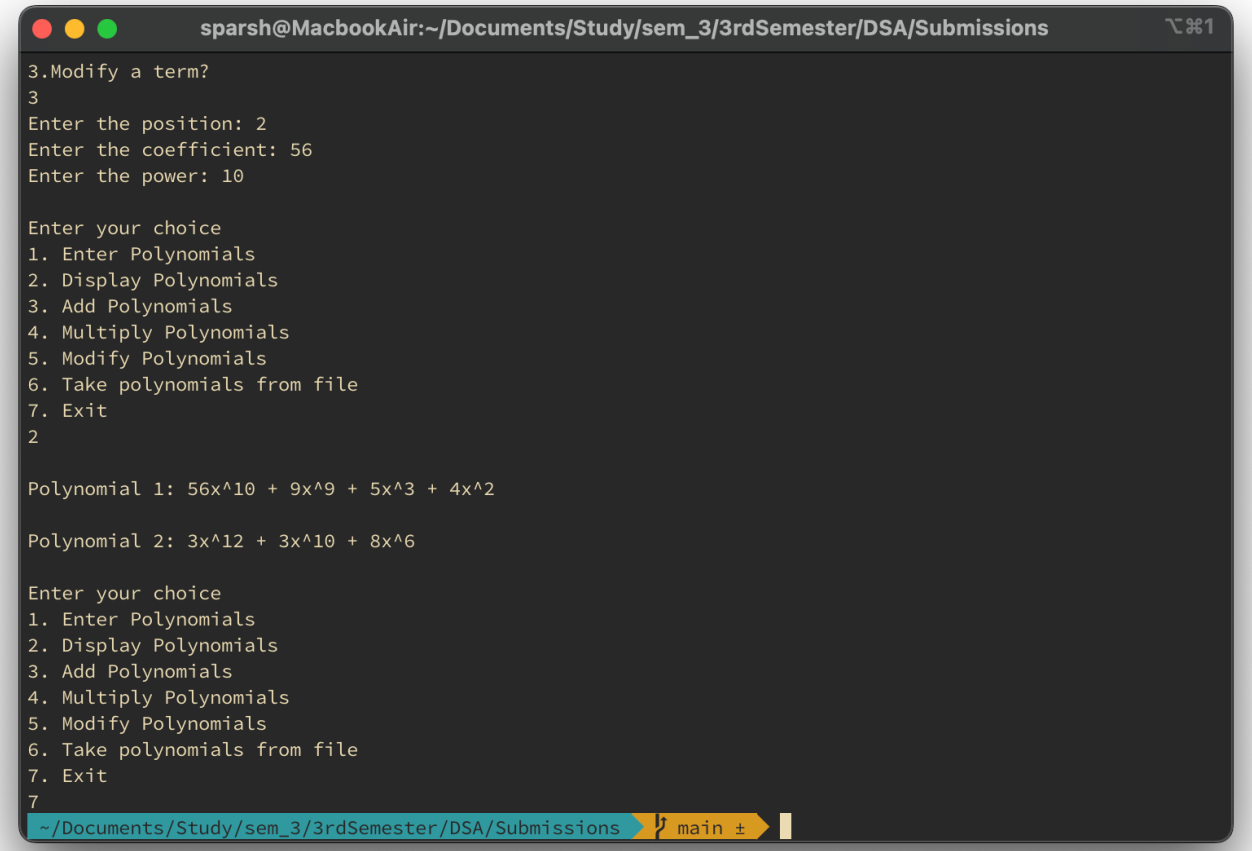


Insert Term



Delete Term





Modify a Term

```
clang PracticalW1a.c -o out && ./out                    ⌥⌘1
Enter your choice
1. Enter Polynomials
2. Display Polynomials
3. Add Polynomials
4. Multiply Polynomials
5. Modify Polynomials
6. Take polynomials from file
7. Exit
6
Enter the polynomial in the format 4x^3+2x^2+3x^1+5x^0 in file polynomial1.txt
Press k to continue
k
Enter the polynomial in the format 4x^3+2x^2+3x^1+5x^0 in file polynomial2.txt
Press k to continue
k

Enter your choice
1. Enter Polynomials
2. Display Polynomials
3. Add Polynomials
4. Multiply Polynomials
5. Modify Polynomials
6. Take polynomials from file
7. Exit
2

Polynomial 1: 56x^10 + 9x^9 + 5x^3 + 4x^2

Polynomial 2: 3x^12 + 3x^10 + 8x^6
```

File Input