FFT Polynomial Multiplication

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1 Output Examples

1.1 Example 1

The polynomials are $A = x^2 + 2x - 3$ and B = 2x + 3, where A will be entered in input as -3 2 1 and B will be entered in input as 3 2. The output is -9 0 7 2 which is $2x^3 + 7x^2 + 9$.

```
Enter the degree of the first polynomial: 2
Enter the coefficients of the polynomial(space separated integers in ascending order of degree): -3 2 1
Enter the degree of the second polynomial: 1
Enter the coefficients of the polynomial(space separated integers in ascending order of degree): 3 2
-9 0 7 2
```

Figure 1: Output 1