```
-----PART1-----

1.0000 2.0000 3.0000
4.0000 5.0000 6.0000
7.0000 8.0000 9.0000

Determinant of initial matrix: 0.00

-----PART2-----
Vec1 (10.00,20.00,30.00)
Vec2 (30.00,20.00,10.00)
Result vector: (-400.00,800.00,-400.00)
Angle: 44.42
-----PART3-----

ax^3+bx^2+cx+d
Enter coefficents for polynomial1 by seperating them with spaces:
1 2 3 4
ax^3+bx^2+cx+d
Enter coefficents for polynomial2 by seperating them with spaces:
4 3 2 1
Enter integral upper limit and lower limit by seperating them with spaces: 1 10
Multipled Polynomial: (5.00)x^6+(10.00)x^5+(15.00)x^4+(20.00)x^3+(15.00)x^2+(8.00)x+(2.00)
Integral from 1 to 10: 9164922.428571%
```

```
-----PART1-----

1.0000 2.0000 3.0000
3.0000 5.0000 6.0000
8.0000 8.0000 8.0000

Determinant of initial matrix: -8.00

-----PART2-----
Vec1 (15.00,-20.00,34.00)
Vec2 (21.00,10.00,-90.00)
Result vector: (1460.00,2064.00,570.00)
Angle: 138.65
-----PART3-----

ax^3+bx^2+cx+d
Enter coefficents for polynomial1 by seperating them with spaces:
7 -1 6 5
ax^3+bx^2+cx+d
Enter coefficents for polynomial2 by seperating them with spaces:
1 3 4 5
Enter integral upper limit and lower limit by seperating them with spaces: -10 10
Multipled Polynomial: (8.00)x^6+(10.00)x^5+(20.00)x^4+(30.00)x^3+(22.00)x^2+(16.00)x+(4.00)
Integral from -10 to 10: 23671889.523810%
```