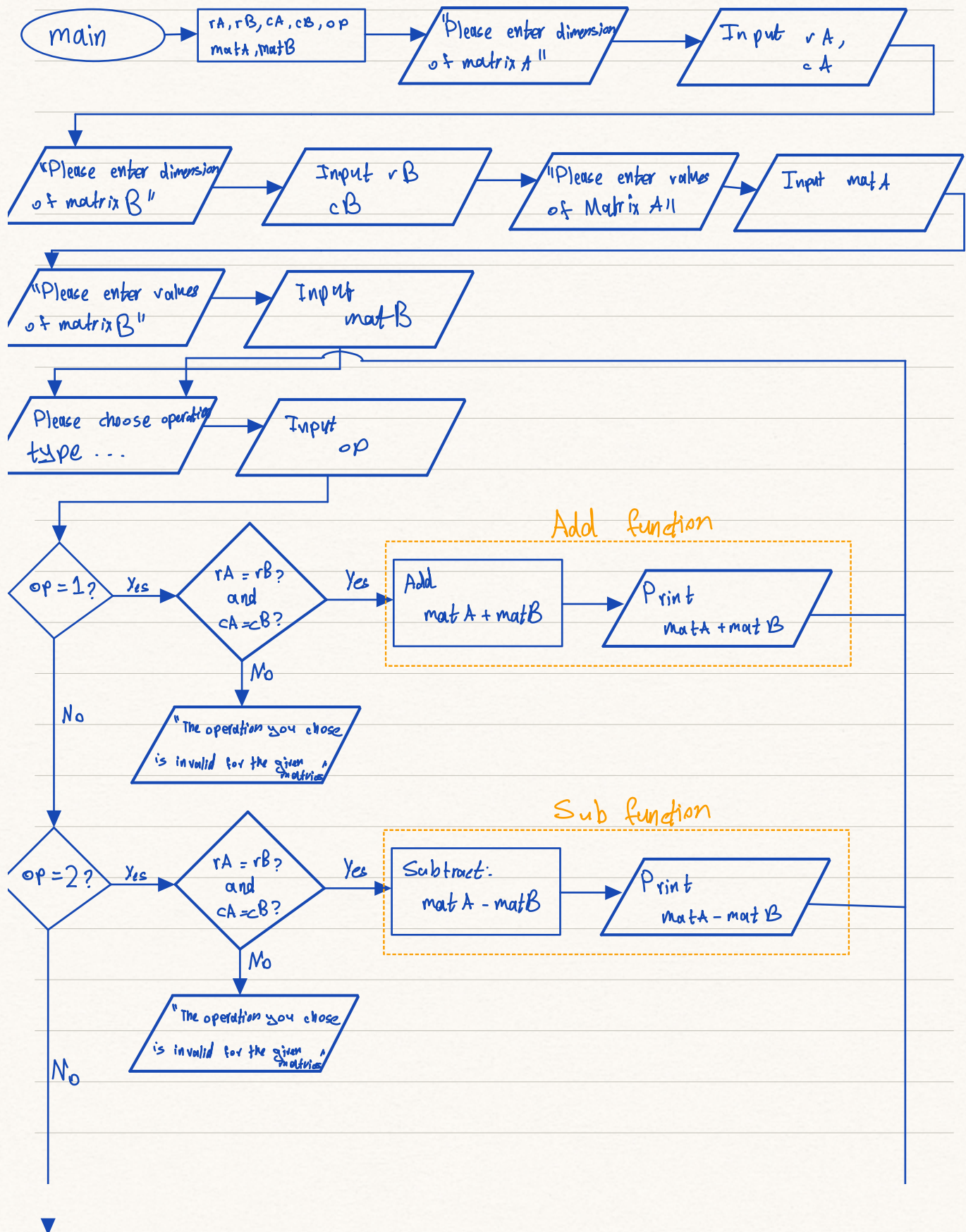
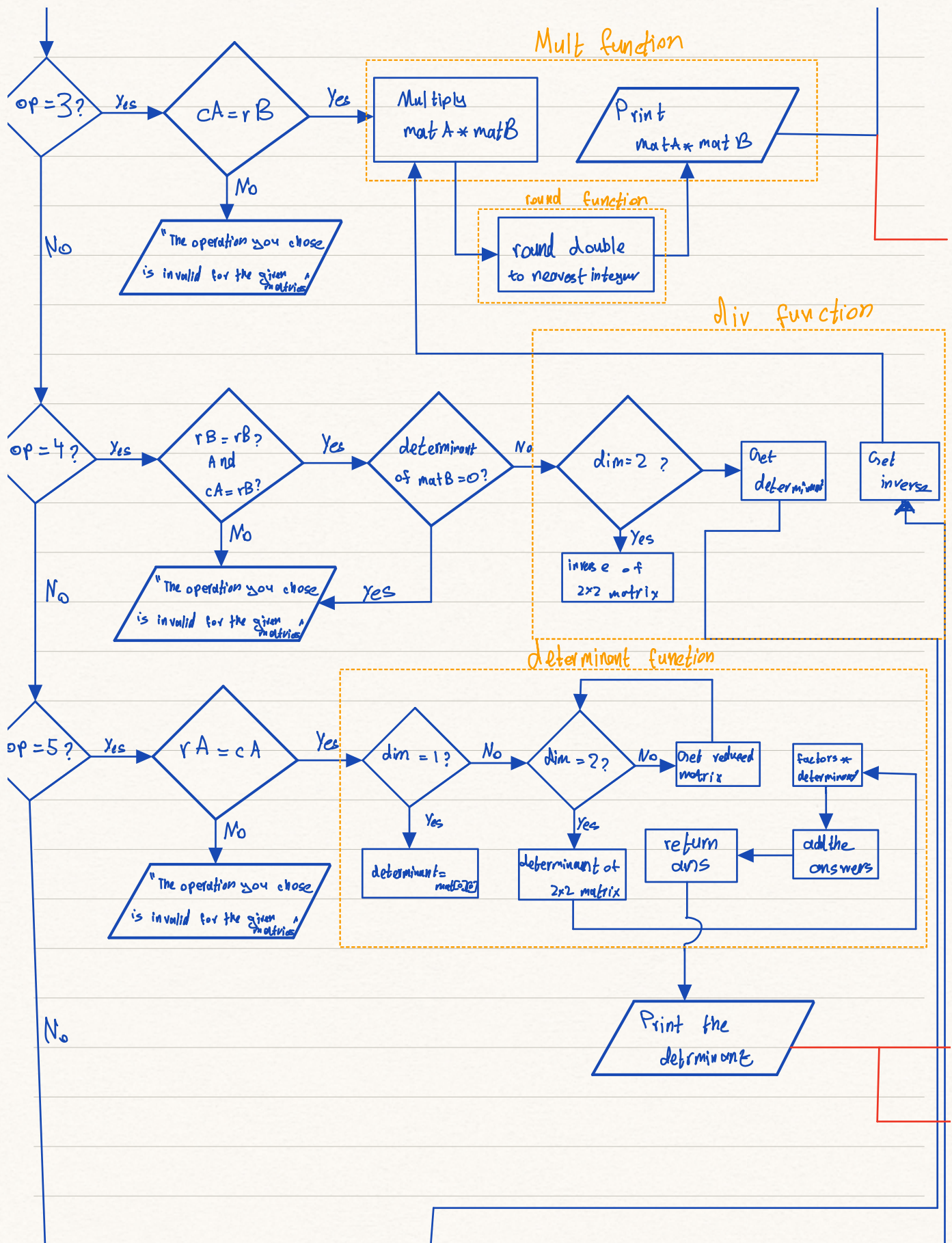
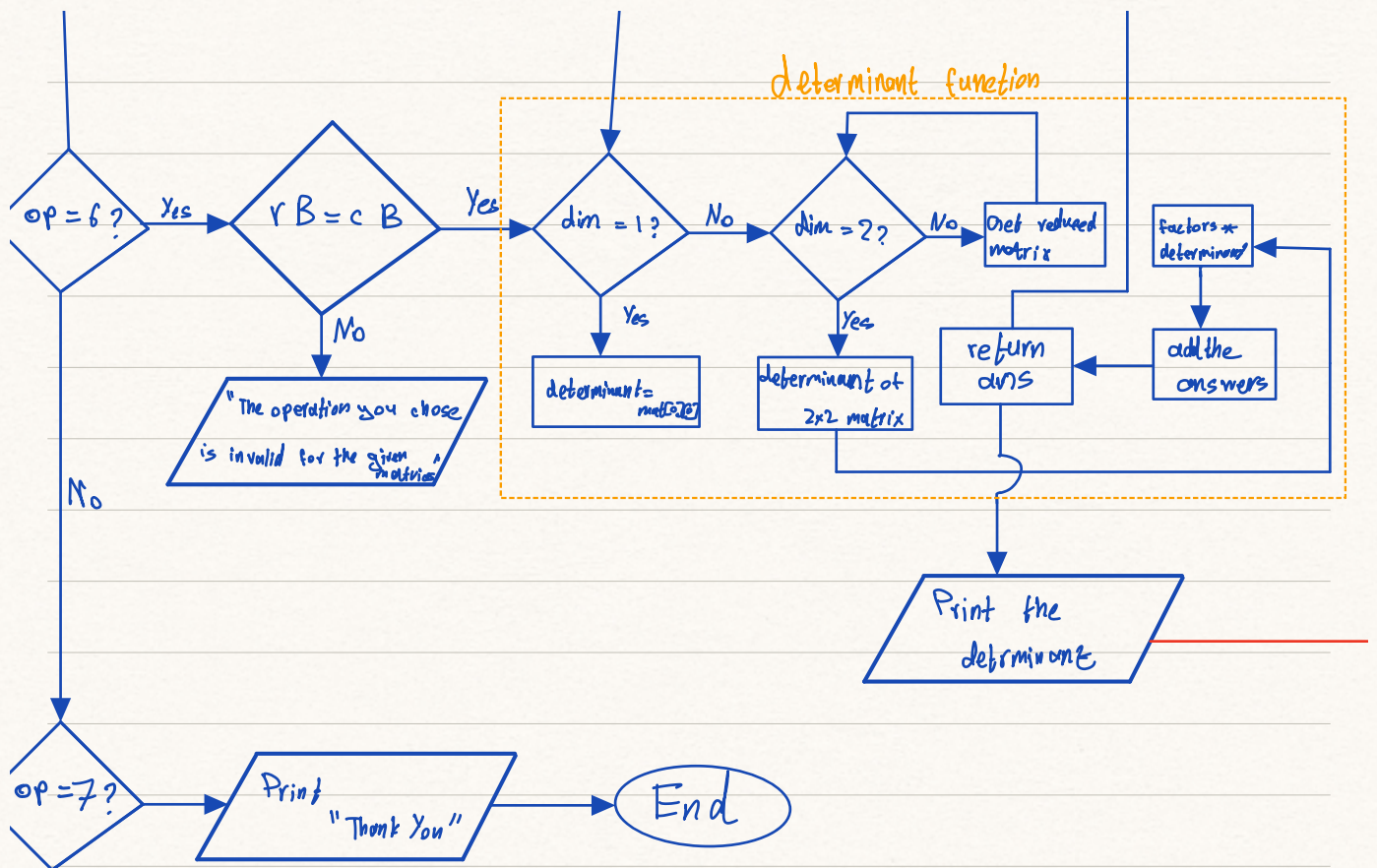


Flowchart of the Program

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2002085







Screenshots of the program working

```

Please enter dimensions of Matrix A:
5 5
Please enter dimensions of Matrix B:
5 5
Please enter values of Matrix A:
-23 -55 -45 -82 -8
9 71 18 48 88
-39 -31 -37 96 54
46 -38 -10 97 38
86 -31 -3 22 10
Please enter values of Matrix B:
73 47 -38 -94 -36
42 37 -47 23 52
100 -58 100 -60 -54
-19 -67 -62 -5 -86
47 -51 9 100 60
Please choose operation type(1: A+B, 2: A-B, 3: AxB, 4: A*inverse(B), 5: |A|, 6: |B|, 7: quit):
1
50 -8 -83 -176 -44
42 108 -29 63 -28
61 -89 63 30 0
27 -105 -72 92 -48
133 -82 6 122 70
Please choose operation type(1: A+B, 2: A-B, 3: AxB, 4: A*inverse(B), 5: |A|, 6: |B|, 7: quit):
2
-96 -102 -7 12 28
-42 34 65 17 -132
-139 27 -137 150 108
65 29 52 102 124
39 20 -12 -78 -50
Please choose operation type(1: A+B, 2: A-B, 3: AxB, 4: A*inverse(B), 5: |A|, 6: |B|, 7: quit):
3
-7387 5396 3971 3207 6970
262 2983 -4737 -7647 -5520
-7021 -9618 -5855 10123 -2710
705 -7101 -6634 -1283 -9154
4728 1085 -3385 -7727 -5838
Please choose operation type(1: A+B, 2: A-B, 3: AxB, 4: A*inverse(B), 5: |A|, 6: |B|, 7: quit):
4
-220 327 130 68 -201
303 -451 -179 -93 277
-32 47 18 10 -29
42 -62 -25 -13 39
6 -8 -3 -1 5
Please choose operation type(1: A+B, 2: A-B, 3: AxB, 4: A*inverse(B), 5: |A|, 6: |B|, 7: quit):
5
-944830018
Please choose operation type(1: A+B, 2: A-B, 3: AxB, 4: A*inverse(B), 5: |A|, 6: |B|, 7: quit):
5
-944830018
Please choose operation type(1: A+B, 2: A-B, 3: AxB, 4: A*inverse(B), 5: |A|, 6: |B|, 7: quit):
6
-73613554
Please choose operation type(1: A+B, 2: A-B, 3: AxB, 4: A*inverse(B), 5: |A|, 6: |B|, 7: quit):
7
Thank you!

```