

AIN SHAMS UNIVERSITY

FACULTY OF ENGINEERING



CSE131s: Computer programming

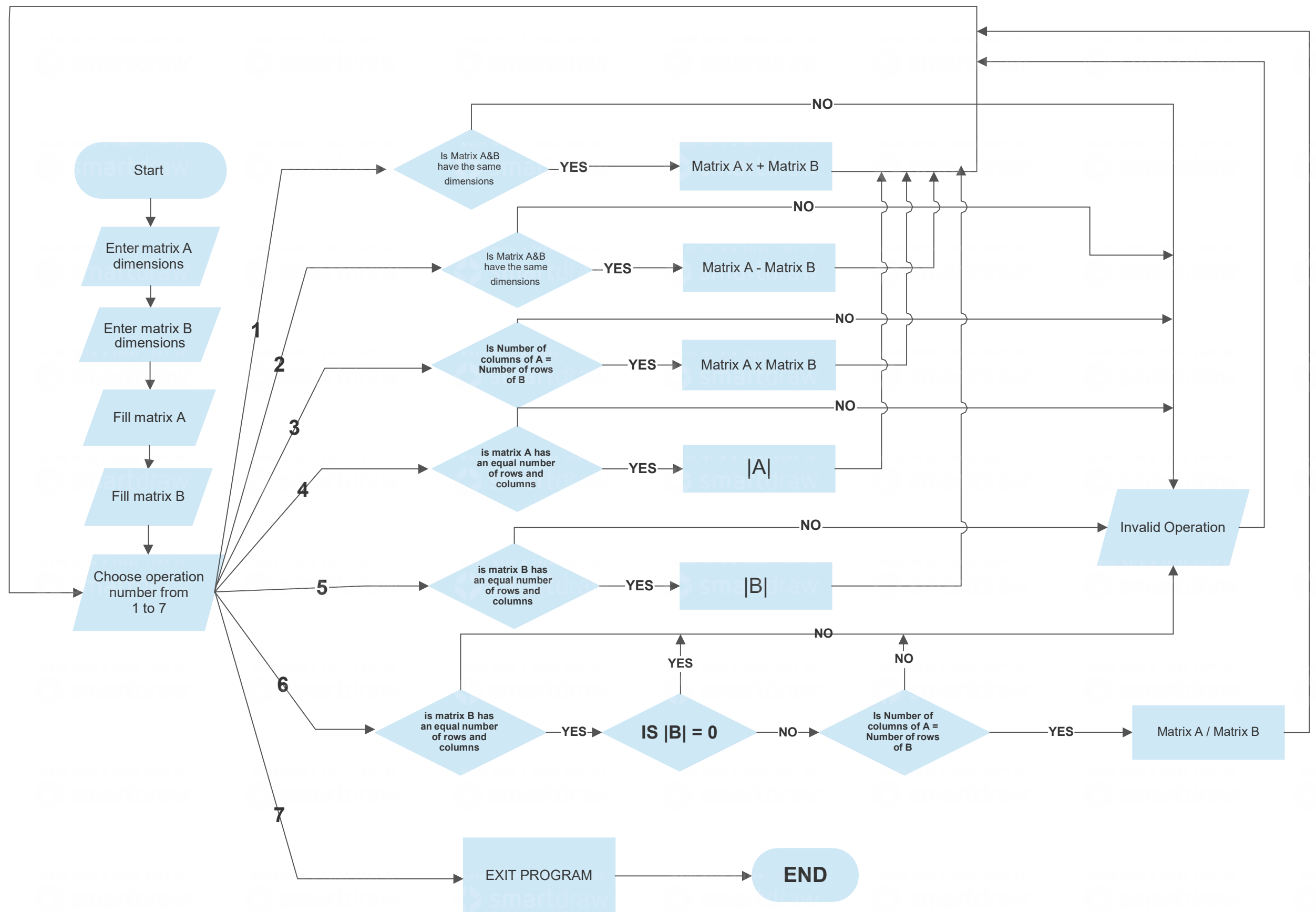
PROJECT

MATRIX CALCULATOR

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ID: 2001778

SECTION: 14



```

Please enter dimensions of Matrix A:
4 4
Please enter dimensions of Matrix B:
4 4
Please enter values of Matrix A:
7 6 3 4
3 2 4 6
8 3 1 4
8 9 6 0
Please enter values of Matrix B:
1 2 3 4
7 9 8 4
6 3 4 5
7 3 1 2
Please choose operation type(1: A+B, 2: A-B, 3: AxB, 4: A*inverse(B), 5: |A|, 6: |B|, 7: quit):
1
8 8 6 8
10 11 12 10
14 6 5 9
15 12 7 2
Please choose operation type(1: A+B, 2: A-B, 3: AxB, 4: A*inverse(B), 5: |A|, 6: |B|, 7: quit):
2
6 4 0 0
-4 -7 -4 2
2 0 -3 -1
1 6 5 -2
Please choose operation type(1: A+B, 2: A-B, 3: AxB, 4: A*inverse(B), 5: |A|, 6: |B|, 7: quit):
3
95 89 85 75
83 54 47 52
63 58 56 57
107 115 120 98
Please choose operation type(1: A+B, 2: A-B, 3: AxB, 4: A*inverse(B), 5: |A|, 6: |B|, 7: quit):
4
1 0 -1 2
1 0 1 0
1 0 0 1
-1 1 0 0
Please choose operation type(1: A+B, 2: A-B, 3: AxB, 4: A*inverse(B), 5: |A|, 6: |B|, 7: quit):
5
-550
Please choose operation type(1: A+B, 2: A-B, 3: AxB, 4: A*inverse(B), 5: |A|, 6: |B|, 7: quit):
6
-219
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!

```

```

Process returned 0 (0x0)    execution time : 687.245 s
Press any key to continue.

```