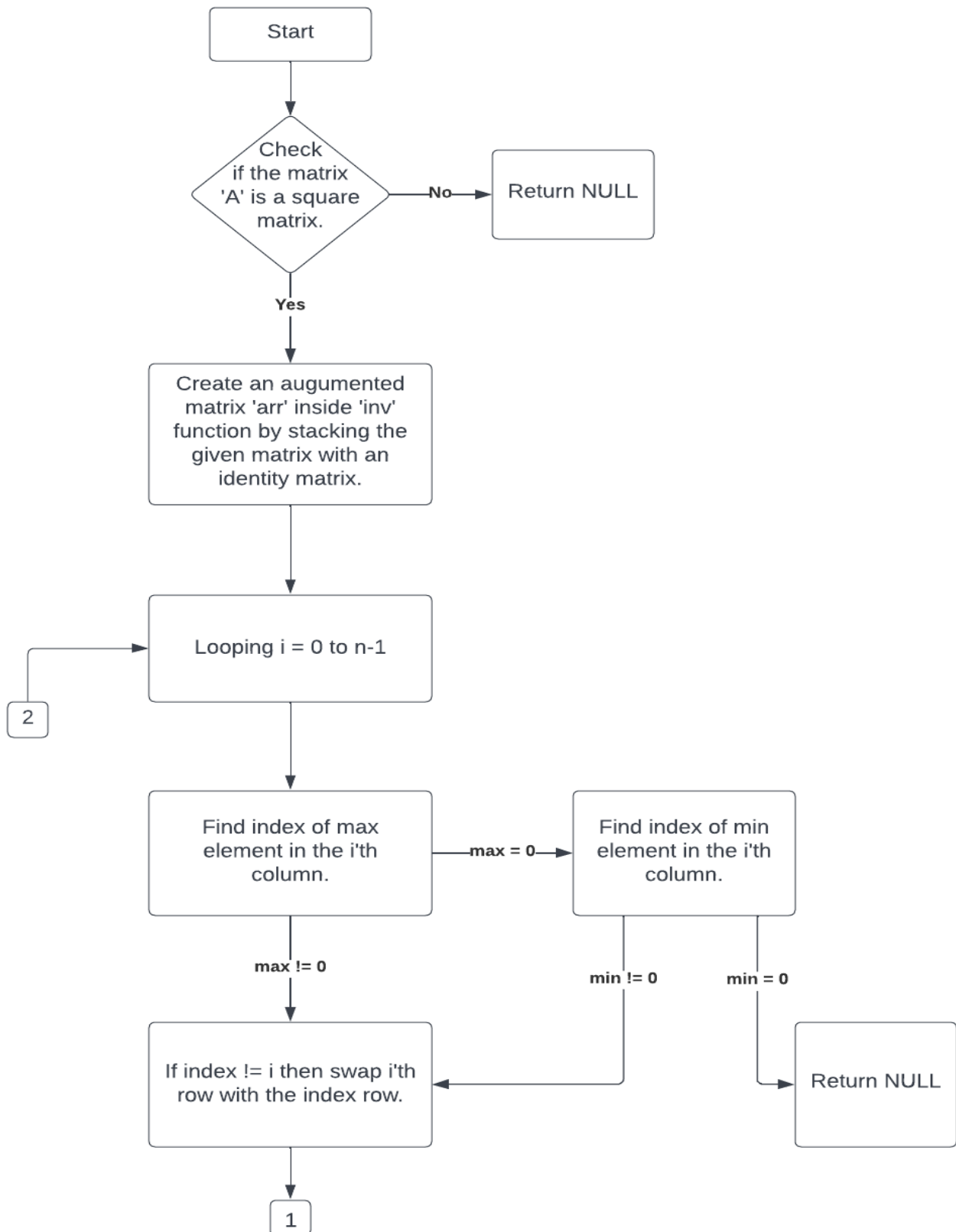
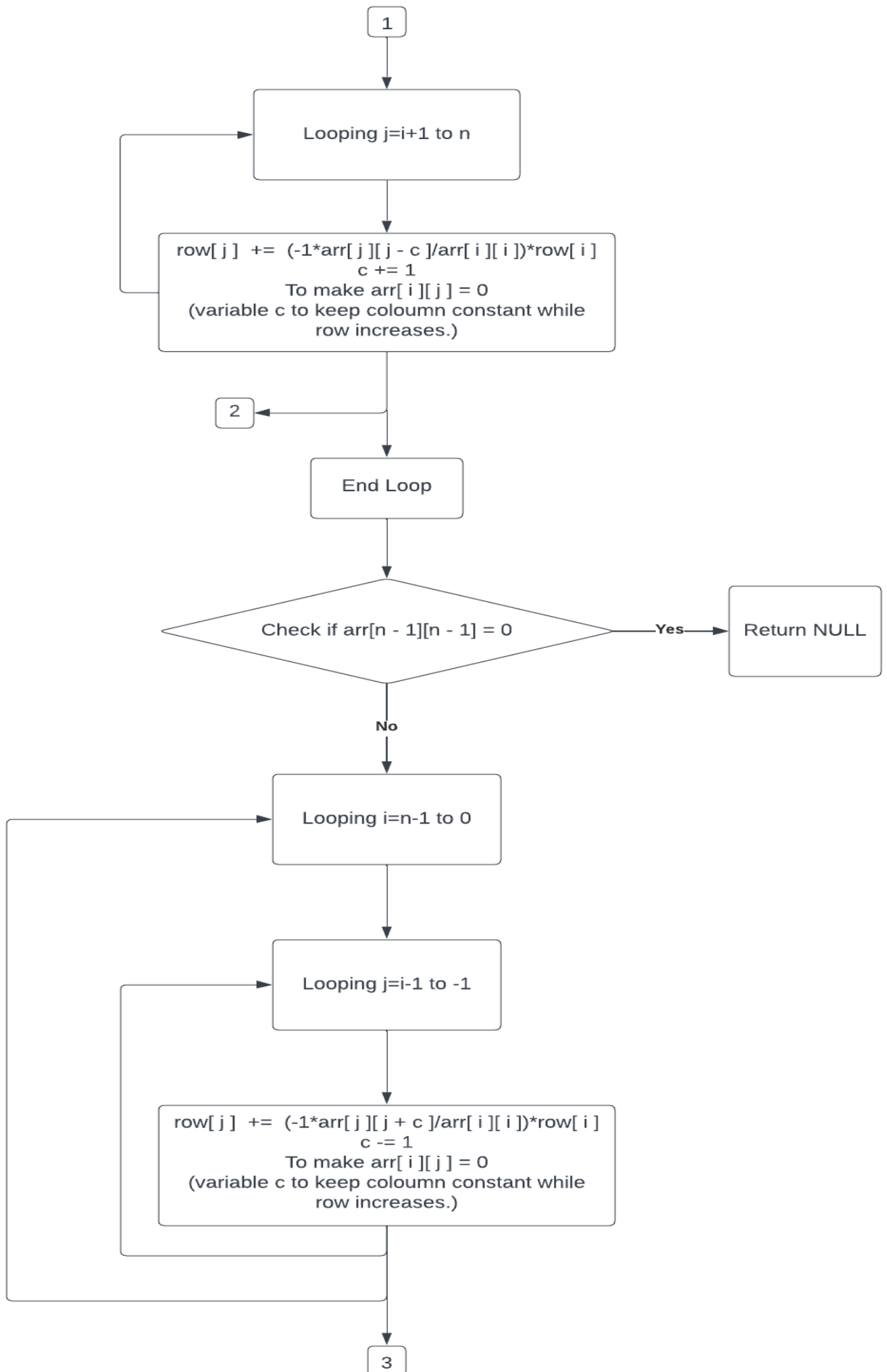
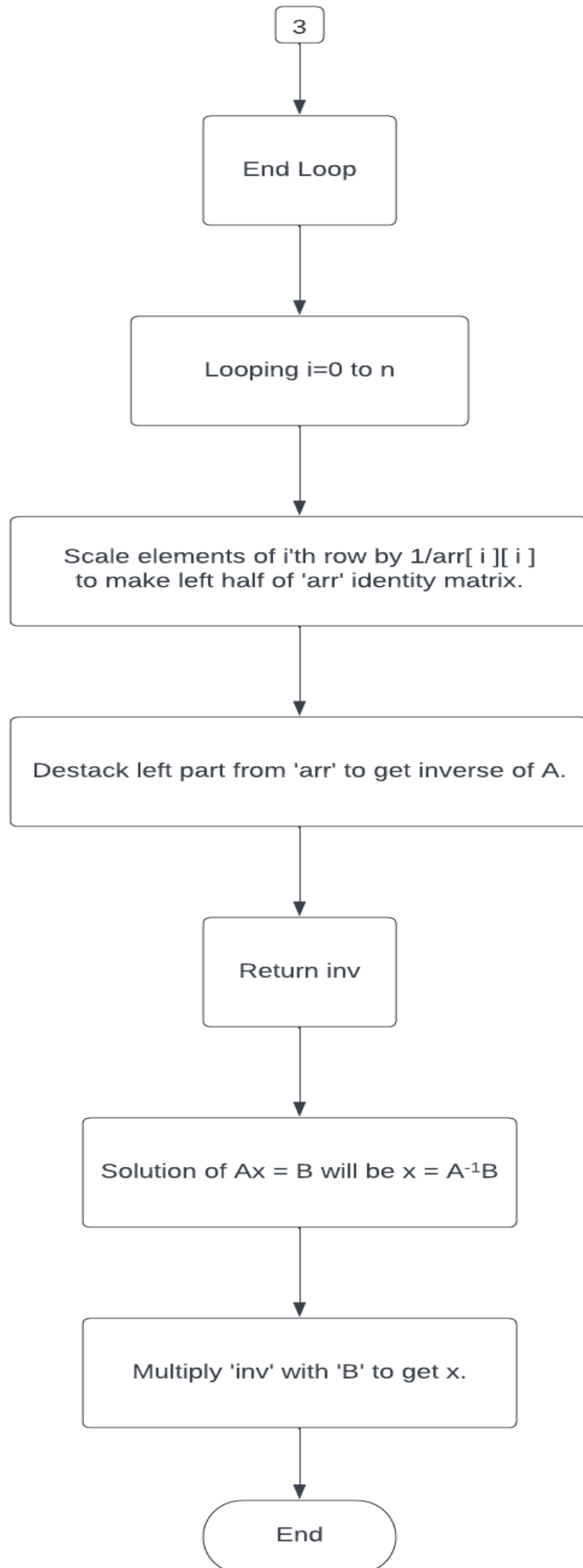


Assignment 3

Algorithm:







Input for 10 X 10:

A = 1 7 0 7 5 7 1 3 6 1
5 4 5 7 5 4 6 0 7 1
8 8 6 6 8 8 8 4 1 1
5 0 0 3 5 3 1 7 4 7
6 0 0 2 5 4 5 2 2 3
2 1 1 8 8 0 5 5 4 4
6 0 5 6 2 8 7 3 4 2
0 0 0 0 2 6 2 5 6 5
7 6 6 8 5 3 6 2 8 1
6 6 8 0 1 1 7 0 3 2

B = 0

1
2
1
8
3
5
2
6
0

Output for 10 X 10:

X = 1.24512
0.0392327
-2.38265
-0.396955
-1.05309
-0.680287
2.04946
1.75366
1.02329
-2.16381

Time Taken:

Dimensions	Time
10	0.003 s
50	0.004 s
100	0.012 s
500	1.431 s
1000	12.505 s
5000	24 m 12.524 s