

DSA CS506 & CS205 || Lab Assignment 05

Test Cases for Johnson's Algorithm

Input:

5

0 2 5 0 0

0 0 4 0 -3

0 0 0 2 1

0 0 0 0 6

0 0 0 0 0

5

0 5 0 1 0

0 0 0 -2 2

3 0 0 4 0

0 0 0 0 6

0 0 0 0 0

4

0 5 2 0

0 0 0 0

0 0 0 1

0 -3 0 0

6

0 0 4 -1 0 2

0 0 0 6 5 -7

0 2 0 0 0 0

0 0 0 0 0 0

0 0 4 0 0 0

0 0 0 2 0 0

5

0 -4 -3 -2 -1

0 0 2 0 0

0 3 0 2 0

0 0 0 0 2

2 0 3 0 0

Output:

0 2 5 7 -1

X 0 4 6 -3

X X 0 2 1

X X X 0 6

X X X X 0

0 5 X 1 7

X 0 X -2 2

3 8 0 4 10

XXX06

XXXX0

0023

X0XX

X-201

X-3X0

064-111-1

X09-55-7

X20-37-5

XXX0XX

X6410-1

XXX2X0

0-4-3-2-1

80246

62024

40102

2-2-100

Please feel free to contact the TAs. If you have any query.