

Output

A =

1	1	1
2	2	2
3	3	3

ans =

3	3
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numRows =

3

numCols =

3

I =

1	0	0	0
0	1	0	0
0	0	1	0
0	0	0	1

D =

1	2	3
1	2	3
1	2	3