

[Collapse](#) | [Expand](#)

Matrix turn method - manual rotation

passed 16 ms

3 1
4 2
3 1
4 2

Matrix turn method - Even sizes

passed 4 ms

Print A matrix
1225 1361
1 227
Print A matrix - turned 90 degrees
1 1225
227 1361
Print A matrix - turned 180 degrees
227 1
1361 1225
Print A matrix - turned 270 degrees
1361 227
1225 1
Print A matrix - turned 360 degrees
1225 1361
1 227
Print A matrix
1834 580 1810 1400
813 1344 1698 697
461 1441 1665 662
995 1325 1891 1036
Print A matrix - turned 90 degrees
995 461 813 1834
1325 1441 1344 580
1891 1665 1698 1810
1036 662 697 1400
Print A matrix - turned 180 degrees
1036 1891 1325 995
662 1665 1441 461
697 1698 1344 813
1400 1810 580 1834
Print A matrix - turned 270 degrees
1400 697 662 1036
1810 1698 1665 1891
580 1344 1441 1325
1834 813 461 995
Print A matrix - turned 360 degrees
1834 580 1810 1400
813 1344 1698 697
461 1441 1665 662
995 1325 1891 1036

Matrix hasSameContent

passed 1 ms

Matrix turn method - edge cases

passed 1 ms

Print A matrix
Print A matrix - turned 90 degrees

Print A matrix - turned 180 degrees
Print A matrix - turned 270 degrees
Print A matrix - turned 360 degrees
Print A matrix
132
Print A matrix - turned 90 degrees
132
Print A matrix - turned 180 degrees
132
Print A matrix - turned 270 degrees
132
Print A matrix - turned 360 degrees
132

Matrix data - deep copy of data	passed	1 ms
Matrix turn method - Odd sizes	passed	4 ms

Print A matrix
204 1289 1662
463 513 1666
1425 469 695
Print A matrix - turned 90 degrees
1425 463 204
469 513 1289
695 1666 1662
Print A matrix - turned 180 degrees
695 469 1425
1666 513 463
1662 1289 204
Print A matrix - turned 270 degrees
1662 1666 695
1289 513 469
204 463 1425
Print A matrix - turned 360 degrees
204 1289 1662
463 513 1666
1425 469 695
Print A matrix
42 172 696 1039 589
1579 65 1410 1466 516
994 13 264 1737 633
832 674 1296 1952 430
507 1144 462 632 408
Print A matrix - turned 90 degrees
507 832 994 1579 42
1144 674 13 65 172
462 1296 264 1410 696
632 1952 1737 1466 1039
408 430 633 516 589
Print A matrix - turned 180 degrees
408 632 462 1144 507
430 1952 1296 674 832
633 1737 264 13 994
516 1466 1410 65 1579
589 1039 696 172 42
Print A matrix - turned 270 degrees
589 516 633 430 408
1039 1466 1737 1952 632
696 1410 264 1296 462
172 65 13 674 1144

42 1579 994 832 507

Print A matrix - turned 360 degrees

42 172 696 1039 589

1579 65 1410 1466 516

994 13 264 1737 633

832 674 1296 1952 430

507 1144 462 632 408