

Recitation 10

Exercise 1 – 2d arrays

Write a program that will rotate a 2d array of ints 180 degrees.

Example run:

The original array is:

4356

1582

4710

5158

1842

The 180 degree rotated array is:

2481

8515

0174

2851

6534

Exercise 2 – Objects

Write a class elevator that has a maximum floor, current floor, capacity and number of rides. Write methods for people getting on or off the elevator as well as moving up and down floors. Also write a constructor method and a method for printing information about the elevator's state.

Write another small program to use your Elevator class to test and simulate riders using it.