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import java.io.*;
public class SoluzioniLab4 {

public static void vectfact(int a[]) {
    int i;

    for (i=0; i<a.length; i++)
        if (a[i] >= 0)
            a[i] = SoluzioniLab3.fact(a[i]);
    }
public static void rotate(int a[]) {
    int i,t=a[0];

    for (i=1; i<a.length; i++)
        a[i-1]=a[i];

    a[a.length-1]=t;
    }
public static void reverse(int a[]) {
    int i,t,middle=a.length/2;

    for (i=0; i<middle; i++) {
        t=a[i];
        a[i]=a[a.length-1-i];
        a[a.length-1-i]=t;
    }
    }
public static int copyneg(int source[], int dest[]) {
    int i,j=0;

    for (i=0; i<source.length; i++)
        if (source[i] < 0) {
            dest[j]=source[i];
            j++;
        }
    return j;
    }
public static boolean isnegative(int mat[][]) {
    int i,j;
    boolean foundneg=true;

    for (i=0; foundneg && i<mat.length; i++) {
        foundneg=false;
        for (j=0; !foundneg && j<mat[0].length; j++)
            if (mat[i][j] < 0 )
                foundneg=true;
    }
    return foundneg;
    }
}

```