

Tecniche di Programmazione in Chimica Computazionale
AA 2023/2024

Esame 25/7/24

- 1) Read from file a matrix of real elements in double precision $A(nxI)$, with $n>I$. The values of n and I are read from input;
- 2) Define a square matrix $B(IxI)$, taking the first I rows of A ;
- 3) Compute the average of the elements of the diagonal of B , and that of the first column of B ; if the first average is larger than the second one, define a vector c as the diagonal of B minus its average, otherwise define a vector c as the first column of A plus the last row of B ;
- 4) Print on a file the matrix B and the vector c .