allevated arrays. The header for your function should be void mult (int **a, int **b, int **c, int rows) where each matrix is a rowsx rows matrix. Void mult (int **a, int **b, int **c, int rows) MALLOC(c, rows * size of (*c)); int i,j,K;
for(i=0; i/rows; itt) CALLOC(c[i], rows, sizeof(**c)); forli=0; is rows; itt) for (i=0; knows; i+t) for (K=0; KKpows; K++) Q[][i]+=a[i][K]*b[K][i]; Inner Loop Invariant void transpose [intal] [MAX_SIZE]) · Just before the iteration when int in temp; for (i=0; ix MAX_SIZE-1; i+t) j=K, the matrix element at row i, for (j=i+1) j (MAX SIZE; j++) column & has been intercharged SWAP (a[i][i], a[i][i], temp); with the element at POW 2, column i YXEN s.t. it/ XXXX. Initialization: i=i+1.: K=i+1, the range i+1825K doesn't make sense. : The Joop invariant trivially holds Maintenance: j=K. Just before this iteration, let the loop invariant hald. : YazN, it/xxx, the element at row x, column i has been interchanged with the dement at row i, column 2. · Nov, i=K. By correctness of SWAP macro, the element at now i, column K has been interchanged with the element at row K, column i.