Additional 2D Assignments:

1. WAJP2 check if a matrix is a Sparse matrix (in which most of the elements are 0). Print “Sparse” if it is Sparse else print “Not sparse”
2. WAJP2 create transpose of a matrix (transpose is converting rows to columns) and print it.
3. WAJP2 subtract two matrices.
4. WAJP2 find sum of each row and column of a matrix.
5. WAJP2 find sum of main diagonal elements of a matrix.
6. WAJP2 find sum of minor diagonal elements of a matrix.
7. WAJP2 find the average of the inner most elements of an array
8. WAJP2 print upper triangular matrix.
9. WAJP2 find sum of lower triangular matrix.
10. WAJP2 check Symmetric matrix (ie the matrix must be equal to its transpose)
11. Write a Java program to perform Scalar matrix multiplication. (Scalar matrix is a square; the major diagonal – upper left to lower right)