

Assignment 8

Q 1. Write a program that constructs a matrix populated by user inputs and prints the matrix.

Then, the program should construct the transpose of the matrix constructed earlier and print the transpose

Q2. Write a program that initializes a 24 element integer array **arr** with arbitrary values and then uses the data to populate a 2-D array, `brr[4][6]`. Also print the 2-D array

Q3. Write a program to check whether the two diagonals of a 3x3 matrix contain the value 1, and the remaining elements have value 0. If found print the row and column number for the elements as ordered pair in the form (row no., column no.). The matrix is populated by user inputs.