

COM2002 INTERMEDIATE PROGRAMMING
2024 – 2025 SPRING
YOUR TURN 01

Topic : Pointers and Arrays

Program : Displaying transpose and calculating the arithmetic and harmonic means

Definition : The program displays the transpose of the two-dimensional array and then calculates the arithmetic and harmonic means of one column of the two-dimensional array.

Expected output:

Transpose of the array

| | | |
|----|----|----|
| 4 | 5 | 2 |
| 4 | 34 | 6 |
| 82 | 76 | 1 |
| 34 | 90 | 2 |
| 56 | 76 | 45 |

Enter column number: 1

The arithmetic mean of column is 3.667

The harmonic mean of column is 3.16