

C program to implement transpose of matrix

Algorithm

1. Start
2. Display "Enter the no. of rows & column."
3. Read m and n.
4. Display "Enter elements of the matrix"
5. $\text{for } (c=0; c < m; c++)$
 $\text{for } (d=0; d < n; d++)$
 Read c and d.
6. $\text{for } (c=0; c < m; c++)$
 $\text{for } (d=0; d < n; d++)$
 $\text{transpose}[d][c] = \text{matrix}[c][d]$
7. Display Transpose of the matrix
8. $\text{for } (c=0; c < m; c++)$
 $\text{for } (d=0; d < n; d++)$
 Display output $\text{transpose}[d][c]$
9. Stop.

Flowchart

