

C program to implement transpose of matrix.

Algorithm:

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

Flowchart :

