C Program to implement transpose of a matrix

Algorithm:-

Step1: Start
Step2: Display Enter the number of rows & cols:
Step3: input r & c
Step4: Display Enter array elements:
~~Step4.1: Repeat for(i=0;i<r;i)~~
Step4.1: Repeat for(i=0;i<r;i++) untill condition becomes false
Step4.1.1: Repeat for(j=0;j<c;j++) untill condition becomes false
Step4.1.1.1: input a[i][j]
Step5: Display Elements of the matrix are:
Step5.1: Repeat for(i=0;i<r;i++) untill condition becomes false
Step5.1.1: Repeat for(j=0;j<c;j++) untill condition becomes false
Step5.1.1.1: Print the output of a[i][j]
Step6: Display Transpose of the matrix is:
Step6.1: Repeat for(i=0;i<r;i++) untill condition becomes false
Step6.1.1: Repeat for(j=0;j<c;j++) untill condition becomes false
Step6.1.1.1: Print the output of a[j][i]
Step7: Stop

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C Program to implement transpose of a matrix.

~~Algorithm:-~~

~~Step1: Start~~

~~Step2: input r, c, a[10][10], b[10][10]~~

Flowchart :-