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1] C program to find transpose of matrix

= Algorithm

Step 1: start

Step 2: Read the value for
m, n

Step 3: Enter elements of matrix
for (c=0; c< m; c++)
for (d=0; d < n; d++)
read matrix [c][d]

Step 4: for (c=0; c < m; c++)
for (d=0; d < n; d+1)
transpose [d][c] = matrix [c][d]

Step 5: for (c=0; c < n; c++)
for (d=0; d < m; d+1)
print transpose [c][d]

Step 6: Stop

Flow Chart

Start

Read value m, n

Enter element for matrix

for (c=0; c<m; c++) — false

for (c=0; c<m; c++) — false — true

read matrix [c][d]

for (c=0; c<m; c++) — false — true

for (d=0; d<n; d++) — false — true

transpose [d][c] = matrix [c][d]

for (c=0; c<m; c++) — true

for (c=0; c<m; c++) — false — true

for (d=0; d<n; d++) — false — true

print transpose [c][d]

Stop