**WAP to find transpose of a 3\*3 matrix.**

**#include<stdio.h>**

**#include<conio.h>**

**int main()**

**{**

**int m,n,i,j;**

**printf("Enter dimension of matrix(m,n):\t");**

**scanf("%d%d",&m,&n);**

**int mat[m][n];**

**for (i=0;i<m;i++)**

**{**

**for (j=0;j<n;j++)**

**{**

**printf("\nEnter the value of a(%d,%d):\t",(i+1),(j+1));**

**scanf("%d",&mat[i][j]);**

**}**

**}**

**printf("\n\nTranspose:\n");**

**for(i=0;i<n;i++)**

**{**

**for(j=0;j<m;j++)**

**{**

**printf("%d\t",mat[j][i]);**

**}**

**printf("\n");**

**}**

**getch();**

**return 0;**

**}**