

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;

}
```