Program:

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// WAP to perform Transpose of matrics
#include <stdio.h>
int main()
{
    int arr[3][3];
    printf("Enter 3*3 matrix 9 elements = ");
    for (int i = 0; i < 3; i++)
    {
        for (int j = 0; j < 3; j++)
            scanf("%d", &arr[i][j]);
        }
    }
    printf("\n\n");
    for (int i = 0; i < 3; i++)
    {
        for (int j = 0; j < 3; j++)
            printf("%d \t", arr[i][j]);
        printf("\n");
    }
    printf("\n\n");
    printf("Transpose of matrix = \n\n");
    for (int i = 0; i < 3; i++)
    {
        for (int j = 0; j < 3; j++)
            printf("%d \t", arr[j][i]);
        printf("\n");
    }
    return 0;
}
```

.....

Output: