

```
/**   Program to Print Transpose of a Matrix   **/
```

```
#include <stdio.h>
```

```
main()
```

```
{
```

```
    int a[10][10], i, j, row, col;
```

```
    printf("\nEnter no. of rows & columns: ");
```

```
    scanf("%d %d", &row, &col);
```

```
    printf("\nEnter elements of Matrix:\n");
```

```
    for (i=0; i<row; i++)
```

```
        for (j=0; j<col; j++)
```

```
            scanf("%d", &a[i][j]);
```

```
    printf("\n\nElements of Matrix:\n\n");
```

```
    for (i=0; i<row; i++)
```

```
    {
```

```
        for (j=0; j<col; j++)
```

```
            printf("\t%d", a[i][j]);
```

```
            printf("\n\n");
```

```
    }
```

```
    printf("\n\nTranspose of Matrix:\n\n");
```

```
    for (i=0; i<col; i++)
```

```
    {
```

```
        for (j=0; j<row; j++)
```

```
            printf("\t%d", a[j][i]);
```

```
            printf("\n\n");
```

```
    }
```

```
    getch();
```

```
}
```