

```

else
{
printf("\n Matrix multiplication Not possible");
}
getch();
}

```

1\* Write a pgm to display the transpose of a given matrix after checking for square matrix

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

```
void main()
```

```
{
```

```
int a[10][10], m, n, i, j;
```

```
clrscr();
```

```
printf("\n Enter order of matrix A:");
```

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

```
printf("\n Enter element of matrix A:\n");
```

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

```
{
```

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

```
{
```

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

```
}
```

```
}
```

```
printf("\n Element of matrix A:\n");
```