

```
/* Nested Loop demo */
```

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

```
int main()
```

```
{
```

```
    int i, j;
```

```
    int m, n;           //to specify number of rows & columns needed...
```

```
    printf("\n**** Displaying Multiplication Table *** \n\n");
```

```
    printf("Enter how many rows & columns? ");
```

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

```
    for (i = 1; i <= m; i++)
```

```
    {
```

```
        for (j = 1; j <= n; j++)
```

```
            printf("%d ", (i * j));
```

```
            printf("\n");           //to move to new line after all the columns
```

```
    }
```

```
    return 0;
```

```
}
```