

```

/* Multiplication Table
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 * Date March 19, 2006
 *Version 1
 */

#include <stdio.h>

int main(void)
{
    int endtop, endside;
    int top, side=1;

    /*Have user enter the dimensions of the multiplication table*/

    printf("Enter the number of columns in the table (up to and including 12)> ");
    scanf("%d", &endtop);
    printf("Enter the number of rows in the table (up to and including 12)> ");
    scanf("%d", &endside);
    printf("\n");
    printf(" *****MULTIPLICATION
TABLE*****\n");

    do
    {
        for (top = 1; top<=endtop; top++)
        {
            printf("%d    ", (top*side));

        }

        printf("\n");
        side++;
    }
    while(side<=endside);

return(0);
}

```

SAMPLE RUN:

Enter the number of columns in the table (up to and including 12)> 10

Enter the number of rows in the table (up to and including 12)> 12

*****MULTIPLICATION

TABLE*****

1	2	3	4	5	6	7	8	9	10
2	4	6	8	10	12	14	16	18	20
3	6	9	12	15	18	21	24	27	30
4	8	12	16	20	24	28	32	36	40
5	10	15	20	25	30	35	40	45	50
6	12	18	24	30	36	42	48	54	60
7	14	21	28	35	42	49	56	63	70
8	16	24	32	40	48	56	64	72	80
9	18	27	36	45	54	63	72	81	90
10	20	30	40	50	60	70	80	90	100
11	22	33	44	55	66	77	88	99	110
12	24	36	48	60	72	84	96	108	120

Press any key to continue