

C-36 Program to Print Table of Numbers

* What is output to print table of numbers
* If user gives input 2; then the tables
of nos 2 should be printed.

Example o/p :

Enter number: 2

$$2 \times 1 \Rightarrow 2$$

$$2 \times 2 \Rightarrow 4$$

$$2 \times 3 \Rightarrow 6$$

$$2 \times 4 \Rightarrow 8$$

⋮

Program:

```
#include <stdio.h>
#include <conio.h>
/* Program to print table of numbers */
void main()
{
    int i, j, n, mul;
    printf("Enter the number: \n");
    scanf("%d", &n);
    for(i = n, j = 0; j <= 20; j++)
    {
        mul = n * j;
        printf("%d * %d = %d \n", n, j, mul);
    }
    getch();
}
```

Output:

```
Enter a number: 2
2 x 0 = 0
2 x 1 = 2
2 x 2 = 4
2 x 3 = 6
2 x 4 = 8
.
.
.
.
.
2 x 20 = 40
```

CODE 1:

```
1  #include <stdio.h>
2  #include <stdlib.h>
3  /* Program to Print table of numbers */
4  int main()
5  {
6      int i, j, n, mul;
7      printf("Enter the number:\n");
8      scanf("%d", &n);
9      for(i=n, j=0; j<=20; j++)
10     {
11         mul=n*j;
12         printf("%d*%d=%d\n", n, j, mul);
13     }
14     getch();
15 }
16
```

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```
Enter the number:
5
5*0=0
5*1=5
5*2=10
5*3=15
5*4=20
5*5=25
5*6=30
5*7=35
5*8=40
5*9=45
5*10=50
5*11=55
5*12=60
5*13=65
5*14=70
5*15=75
5*16=80
5*17=85
5*18=90
5*19=95
5*20=100
```