

```
# include <stdio.h>
int main()
{
    int num, i;
    printf("enter a number: ");
    scanf("%d", &num);
    printf("\n Multiplication table of %d\n", num);
    for (i=1; i<=10; i++)
    {
        printf("%d * %d = %d\n", num, i, num*i);
    }
    return 0;
}
```

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main.c

Run Output Clear

```
1 #include <stdio.h>
2 int main() {
3     int num, i;
4
5     printf("enter a number: ");
6     scanf("%d", &num);
7
8     printf("\nMULTIPLICATION TABLE OF %d\n", num);
9
10    for (i = 1; i <= 10; i++){
11        printf("%d * %d = %d\n", num, i, num*i);
12    }
13    return 0 ;
14 }
```

enter a number: 7

MULTIPLICATION TABLE OF 7

7 * 1 = 7
7 * 2 = 14
7 * 3 = 21
7 * 4 = 28
7 * 5 = 35
7 * 6 = 42
7 * 7 = 49
7 * 8 = 56
7 * 9 = 63
7 * 10 = 70

== Code Execution Successful ==

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