



main.c

Output



```
1  #include <stdio.h>
2
3  int main() {
4      int n, i;
5
6      printf("Enter a number to generate
           its multiplication table: ");
7      scanf("%d", &n);
8
9      printf("Multiplication table of %d
           :\n", n);
10
11     for (i = 1; i <= 10; i++) {
12         printf("%d x %d = %d\n", n, i,
           n * i);
13     }
14
15     return 0;
16 }
```

Run



main.c

Output



Enter a number to generate its  
multiplication table: 5

Multiplication table of 5:

5 x 1 = 5

5 x 2 = 10

5 x 3 = 15

5 x 4 = 20

5 x 5 = 25

5 x 6 = 30

5 x 7 = 35

5 x 8 = 40

5 x 9 = 45

5 x 10 = 50

=== Code Execution Successful ===