

```
1 #include <stdio.h>
2 int main(){
3     int num,i=1;
4     printf("enter a number to print its multiplication table:");
5     scanf("%d",&num);
6     printf("multiplication table of %d:\n",num);
7     while(i<=10){
8         printf("%d*%d=%d\n",num,i,num*i);
9         i++;
10    }
11    return 0;
12 }
```

enter a number to print its multiplication table:5
multiplication table of 5:

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

--- Code Execution Successful ---