Y.Navya
ID:0170170
E-mail: o170170@rguktong.ac.in
RGUKT IIIT Ongole,ongole

AIM:

A C program to generate multiplication table of a given number upto 13

DESCRIPTION:

➢ The program below takes an integer input from the user and generates the multiplication tables upto 13.
➢ Here, the user input is stored in the int variable n. Then, we use a for loop to print the multiplication table upto 13.
➢ The loop runs from i=1 to i=10. In each iteration of the loop, n*i is printed.

PROGRAM:

```c
#include<stdio.h>
void main()
{
    int n,i;
    printf("enter a number");
    scanf("%d",&n);
    for(i=1;i<=13;i++)
    {
        printf("\n%d*%d=%d",n,i,n*i);
    }
}
```

OUTPUT:

(base) student@jessy:~$ cd Desktop
(base) student@jessy:~/Desktop$ gcc multiplicationtable.c
(base) student@jessy:~/Desktop$ ./a.out
enter a number10

10*1=10
10*2=20
10*3=30
10*4=40
10*5=50
10*6=60
10*7=70
10*8=80
10*9=90
10*10=100
10*11=110
10*12=120
10*13=130

RESULT:

The program to generate multiplication table for a number upto 13 is executed.