

2. WAP to print the multiplication table of the number entered by the user. It should be in the correct formatting.

$$\text{Num} * 1 = \text{Num}$$

```
#include <stdio.h>
int main () {
    int num;
    printf ("Enter a number to print its multiplication table : ");
    scanf ("%d", &num);
    printf ("\n Multiplication Table of %d :\n", num);
    for (int i = 1 ; i <= 12 ; i++) {
        printf ("%d * %d = %d\n", num, i, num * i);
    }
    return 0;
}
```

```
C exp3loopsmulti.c > ⚙ main()
1
2 #include <stdio.h>
3
4 int main() {
5     int num;
6
7     printf("Enter a number to print its multiplication table: ");
8     scanf("%d", &num);
9
10    printf("\nMultiplication Table of %d:\n", num);
11
12    for (int i = 1; i <= 12; i++) {
13        printf("%d * %d = %d\n", num, i, num * i);
14    }
15
16    return 0;
17 }
18
```

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE PORTS

Enter a number to print its multiplication table: 8

Multiplication Table of 8:

```
8 * 1 = 8
8 * 2 = 16
8 * 3 = 24
8 * 4 = 32
8 * 5 = 40
8 * 6 = 48
8 * 7 = 56
8 * 8 = 64
8 * 9 = 72
8 * 10 = 80
8 * 11 = 88
8 * 12 = 96
```