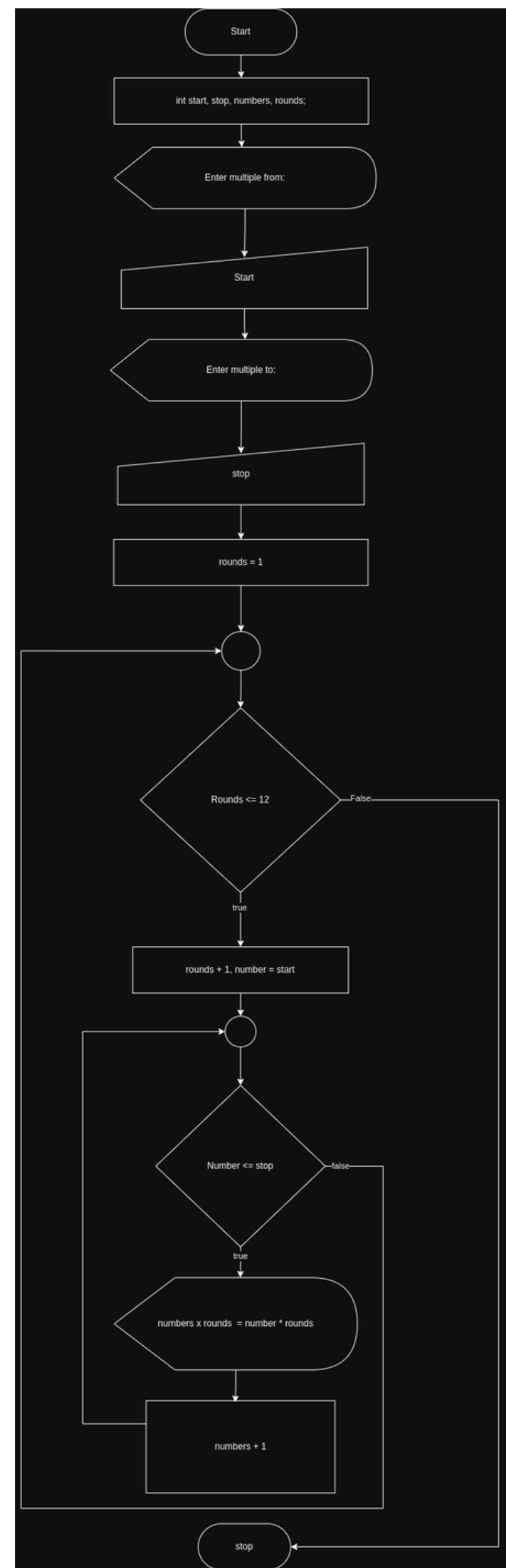
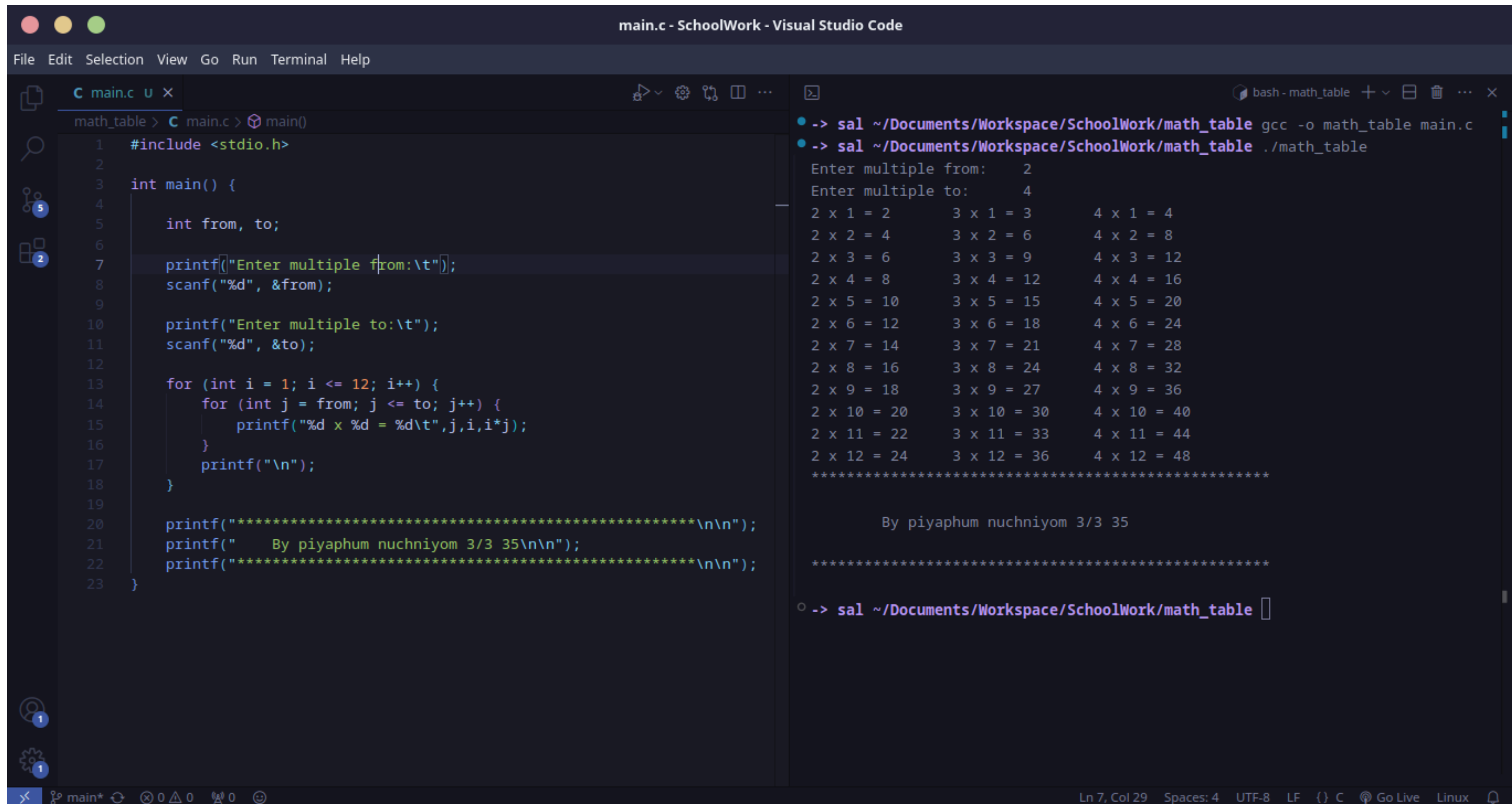


การเขียนโปรแกรมแบบทำซ้ำ

# Flow chart



# Code & Result



The image shows a Visual Studio Code editor window titled "main.c - SchoolWork - Visual Studio Code". The editor displays a C program in a file named "main.c". The code is as follows:

```
1  #include <stdio.h>
2
3  int main() {
4
5      int from, to;
6
7      printf("Enter multiple from:\t");
8      scanf("%d", &from);
9
10     printf("Enter multiple to:\t");
11     scanf("%d", &to);
12
13     for (int i = 1; i <= 12; i++) {
14         for (int j = from; j <= to; j++) {
15             printf("%d x %d = %d\t", j, i, i*j);
16         }
17         printf("\n");
18     }
19
20     printf("*****\n\n");
21     printf("    By piyaphum nuchniyom 3/3 35\n\n");
22     printf("*****\n\n");
23 }
```

The output of the program is shown in the terminal window on the right, titled "bash - math\_table". The output is as follows:

```
-> sal ~/Documents/Workspace/SchoolWork/math_table gcc -o math_table main.c
-> sal ~/Documents/Workspace/SchoolWork/math_table ./math_table
Enter multiple from: 2
Enter multiple to: 4
2 x 1 = 2      3 x 1 = 3      4 x 1 = 4
2 x 2 = 4      3 x 2 = 6      4 x 2 = 8
2 x 3 = 6      3 x 3 = 9      4 x 3 = 12
2 x 4 = 8      3 x 4 = 12     4 x 4 = 16
2 x 5 = 10     3 x 5 = 15     4 x 5 = 20
2 x 6 = 12     3 x 6 = 18     4 x 6 = 24
2 x 7 = 14     3 x 7 = 21     4 x 7 = 28
2 x 8 = 16     3 x 8 = 24     4 x 8 = 32
2 x 9 = 18     3 x 9 = 27     4 x 9 = 36
2 x 10 = 20    3 x 10 = 30    4 x 10 = 40
2 x 11 = 22    3 x 11 = 33    4 x 11 = 44
2 x 12 = 24    3 x 12 = 36    4 x 12 = 48
*****
By piyaphum nuchniyom 3/3 35
*****
-> sal ~/Documents/Workspace/SchoolWork/math_table
```

The status bar at the bottom of the editor shows "Ln 7, Col 29", "Spaces: 4", "UTF-8", "LF", "{ } C", "Go Live", "Linux", and a bell icon.