

Lab 3.4.13.1 Loops: while

Objectives

Familiarize the student with:

- Logic of loops - *while*
- Conditional statements
- Getting input from the user
- Integer numbers
- Printing on screen

Scenario

Write a program that takes two integer numbers and prints their sum. Do this until the user enters 0 (but print the last sum). Additionally, if the user inputs 99 as the first number and 0 as the second number, just print "Finish." and, of course, end the program. Of course use the *while* loop. Your version of the program must print the same result as the expected output.

```
#include <stdio.h>

int main()
{
    /* your code */
    return 0;
}
```

Example input

```
1
1
2
0
```

Example output

```
Sum: 2
Sum: 2
```

Example input

```
1
5
99
0
```

Example output

```
Sum: 6
Sum: 99
Finish.
```