

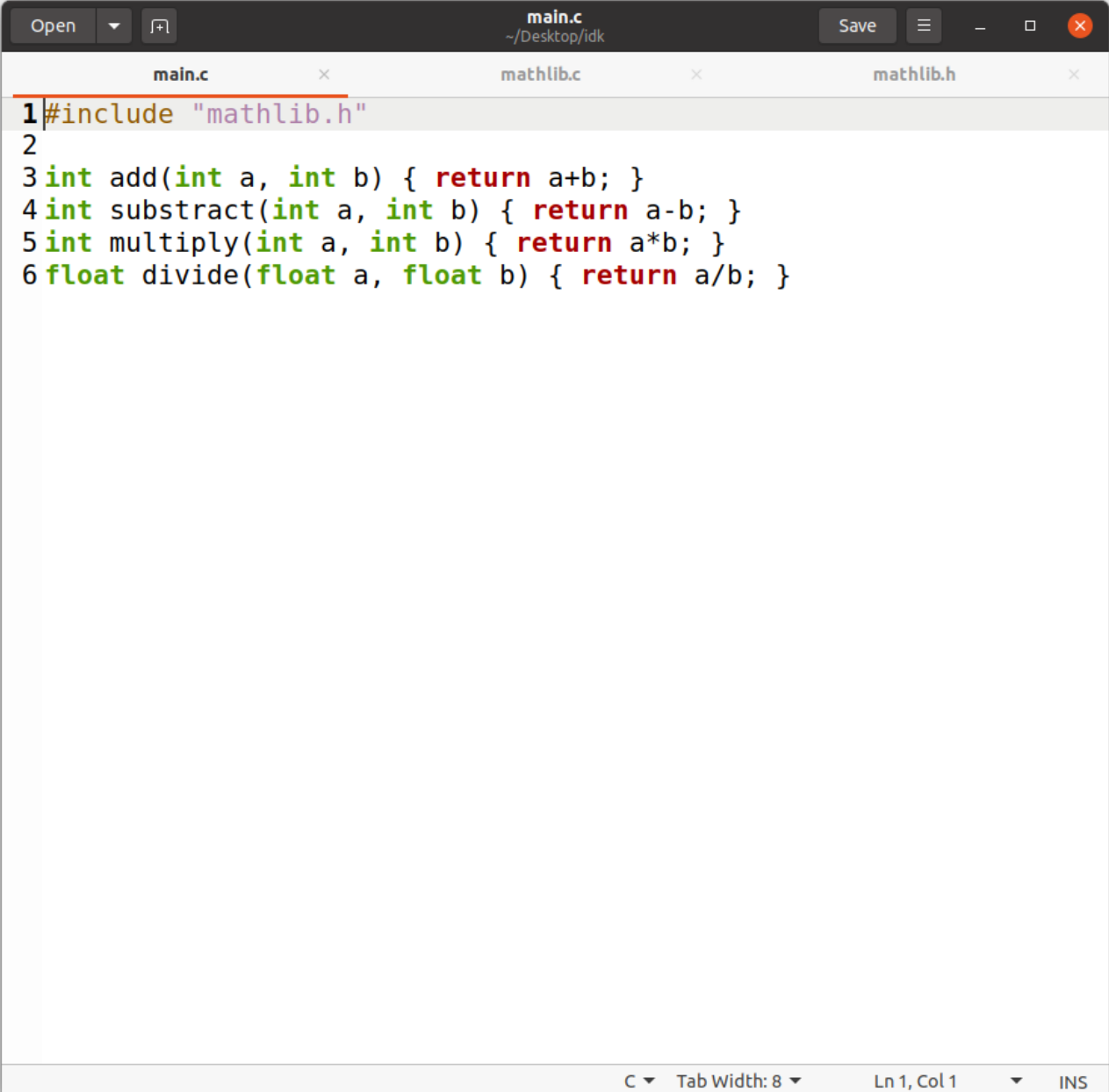
20CYS282

Lab 1

BY

JAIFIN B ALOOR

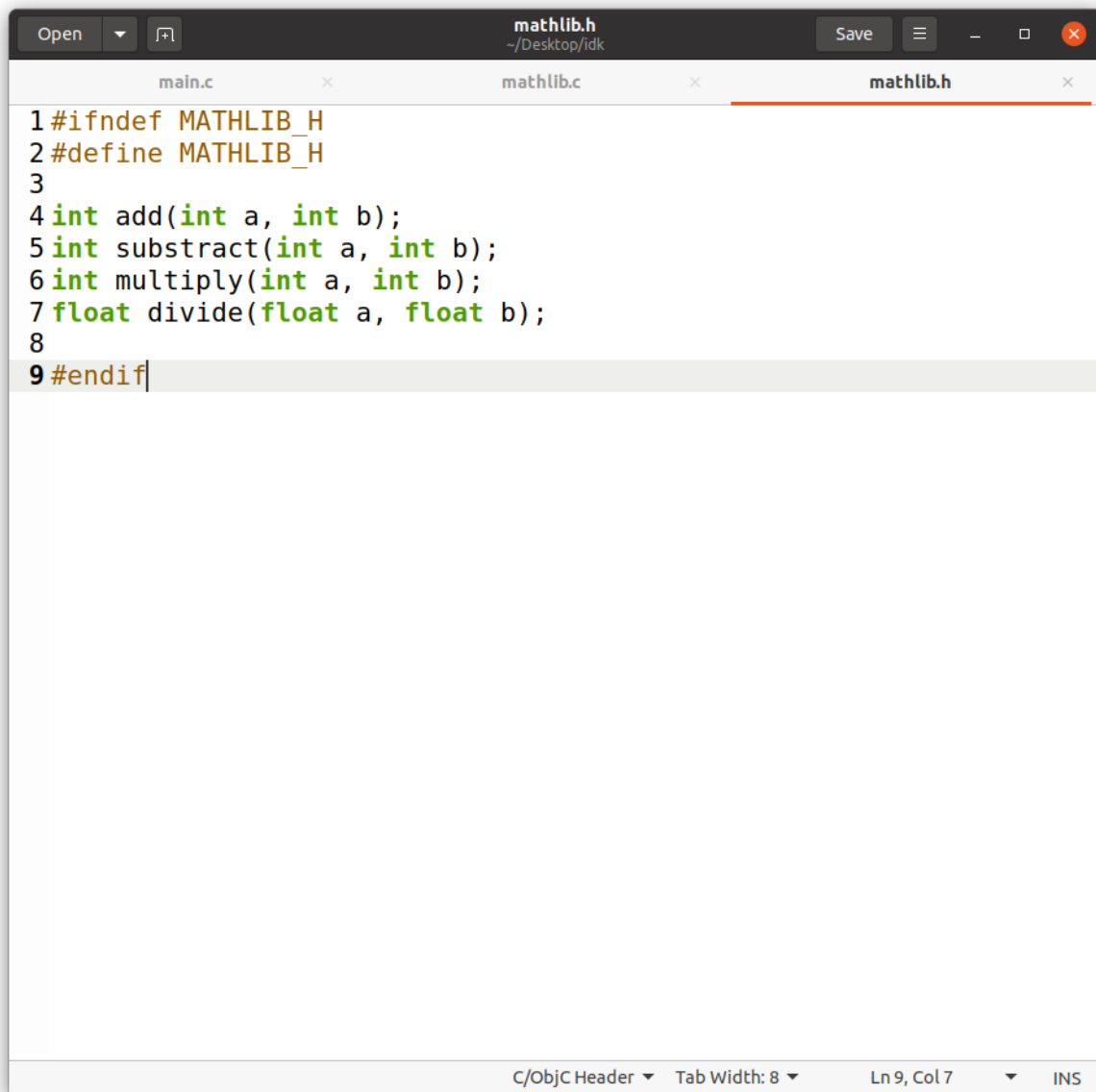
AM.SC.U4CYS23022



The image shows a code editor window with a dark theme. The title bar at the top contains the text "main.c" and the file path "~/Desktop/idx". Below the title bar, there are three tabs: "main.c", "mathlib.c", and "mathlib.h". The "main.c" tab is active and shows the following code:

```
1#include "mathlib.h"
2
3int add(int a, int b) { return a+b; }
4int subtract(int a, int b) { return a-b; }
5int multiply(int a, int b) { return a*b; }
6float divide(float a, float b) { return a/b; }
```

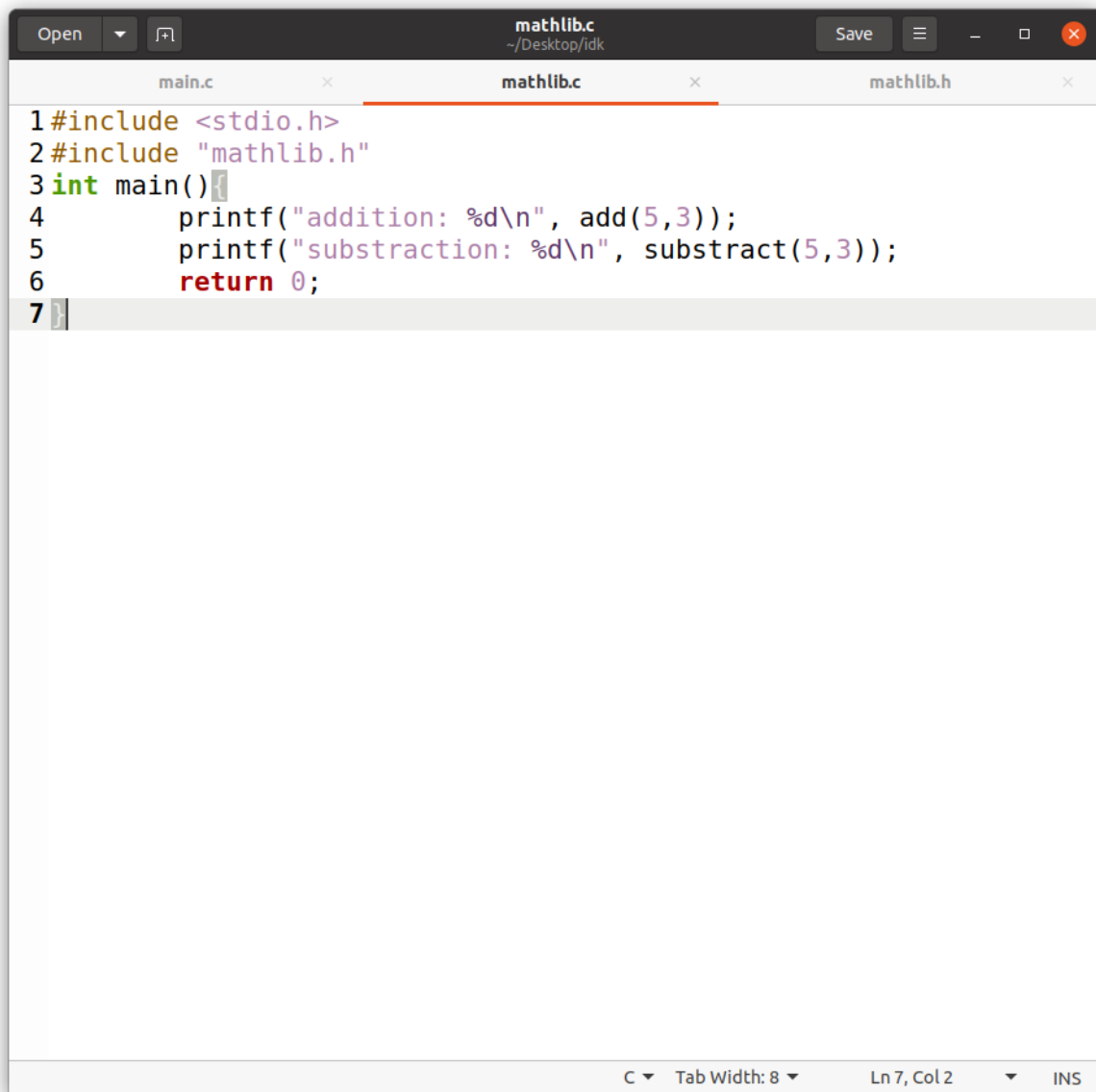
The code is color-coded: keywords like "int", "float", "return", and "include" are in red, and identifiers like "a", "b", "a+b", "a-b", "a*b", and "a/b" are in green. The editor has a status bar at the bottom that displays "C", "Tab Width: 8", "Ln 1, Col 1", and "INS".



The image shows a code editor window with three tabs: `main.c`, `mathlib.c`, and `mathlib.h`. The `mathlib.h` tab is active and displays the following C header file content:

```
1 #ifndef MATHLIB_H
2 #define MATHLIB_H
3
4 int add(int a, int b);
5 int subtract(int a, int b);
6 int multiply(int a, int b);
7 float divide(float a, float b);
8
9 #endif|
```

The editor's status bar at the bottom indicates the current file is a C/Object Header, the tab width is 8, the cursor is at line 9, column 7, and the input mode is INS.



The image shows a code editor window with a dark theme. The title bar at the top indicates the file is 'mathlib.c' located at '~/Desktop/ldk'. The editor has three tabs: 'main.c', 'mathlib.c' (which is the active tab), and 'mathlib.h'. The code in the active tab is as follows:

```
1#include <stdio.h>
2#include "mathlib.h"
3int main()
4    printf("addition: %d\n", add(5,3));
5    printf("subtraction: %d\n", subtract(5,3));
6    return 0;
7
```

The status bar at the bottom of the editor shows 'C' as the language, 'Tab Width: 8', and the current cursor position 'Ln 7, Col 2'.

[illegible]