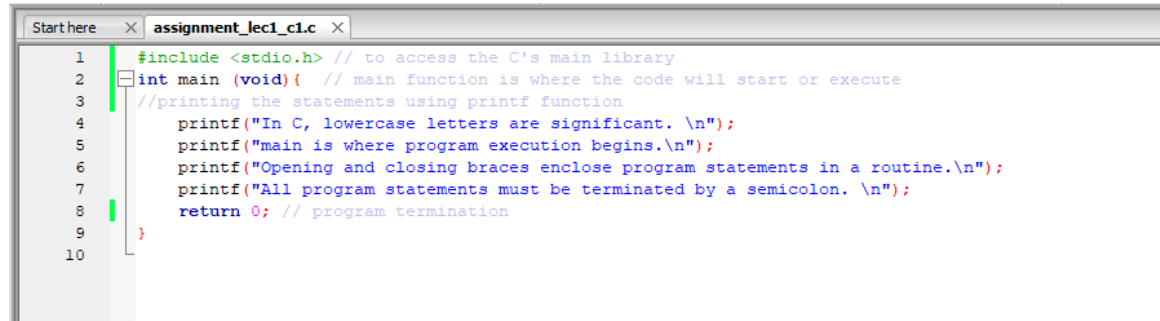


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CMSC 21- 1

Assignment 1

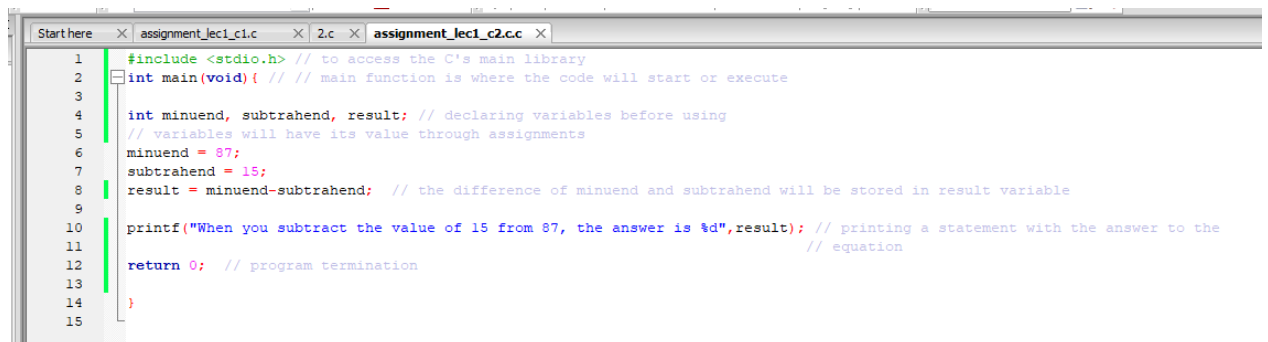
1.



```
1  #include <stdio.h> // to access the C's main library
2  int main (void){ // main function is where the code will start or execute
3      //printing the statements using printf function
4      printf("In C, lowercase letters are significant. \n");
5      printf("main is where program execution begins.\n");
6      printf("Opening and closing braces enclose program statements in a routine.\n");
7      printf("All program statements must be terminated by a semicolon. \n");
8      return 0; // program termination
9  }
10
```

2. The output for this program is, **Testing.....1...2..3**

3.



```
1  #include <stdio.h> // to access the C's main library
2  int main(void){ // // main function is where the code will start or execute
3
4      int minuend, subtrahend, result; // declaring variables before using
5      // variables will have its value through assignments
6      minuend = 87;
7      subtrahend = 15;
8      result = minuend-subtrahend; // the difference of minuend and subtrahend will be stored in result variable
9
10     printf("When you subtract the value of 15 from 87, the answer is %d",result); // printing a statement with the answer to the
11                                           // equation
12     return 0; // program termination
13 }
14
15
```

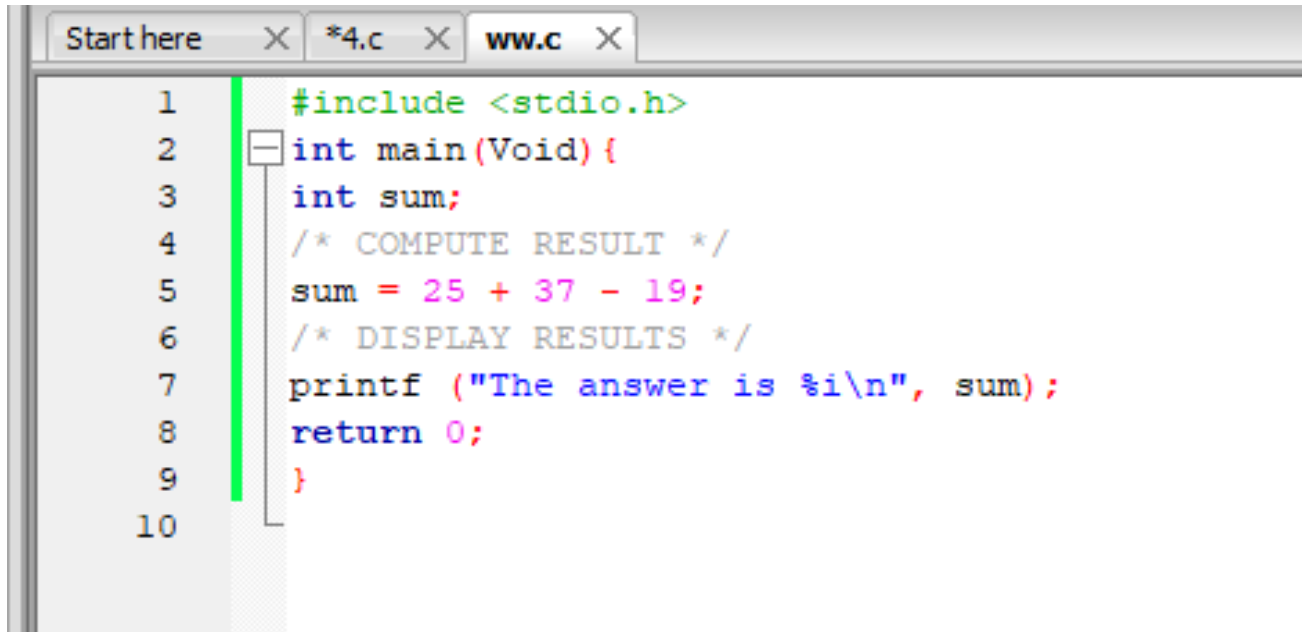
4. > After the int main, there is no {

- > the INT is uppercase and the other int is not, it will cause an error since the C program is case sensitive
- > the comment was not closed properly or the format for it was wrong
- > the other comment is also wrong since they can't mix the // format and /**/ format

> after the values of the variable sum, there is no ';' in the end

> in the print statement, there is no comma added after the ""

Correction of the code:

A screenshot of a code editor window with three tabs: 'Start here', '*4.c', and 'ww.c'. The 'ww.c' tab is active. The code is as follows:

```
1  #include <stdio.h>
2  int main(Void){
3  int sum;
4  /* COMPUTE RESULT */
5  sum = 25 + 37 - 19;
6  /* DISPLAY RESULTS */
7  printf ("The answer is %i\n", sum);
8  return 0;
9  }
10
```

The code contains two syntax errors: a missing semicolon at the end of line 9 and a missing comma after the string literal in line 7. A green vertical line is positioned at the start of line 3, and a small square icon is visible on line 2.

5. The output for this program is an **error** since the answer variable, the last digit is a '.' and not ';