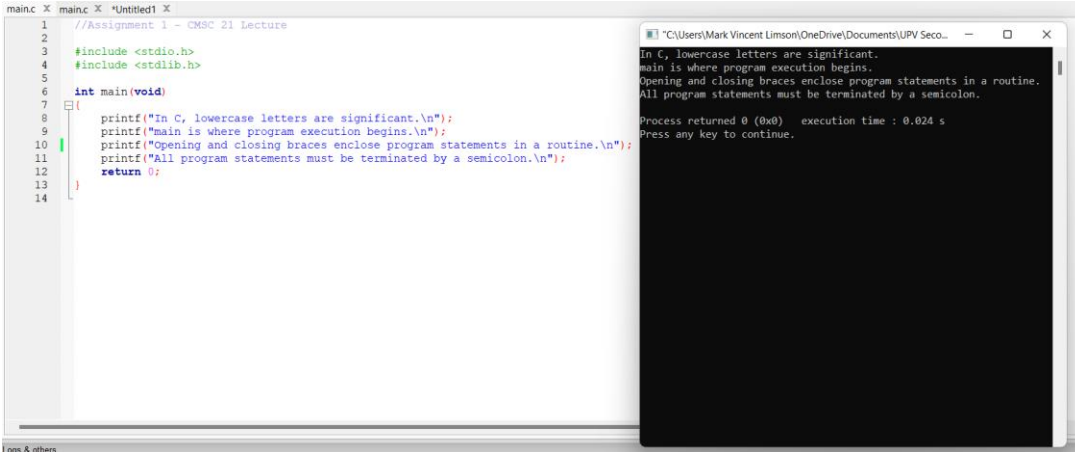


1.



The screenshot shows a C program in a text editor and its execution output in a terminal window. The program includes `<stdio.h>` and `<stdlib.h>`, and defines a `main` function that prints four lines of text about C programming conventions. The terminal output shows the same four lines of text, followed by the process return code and execution time.

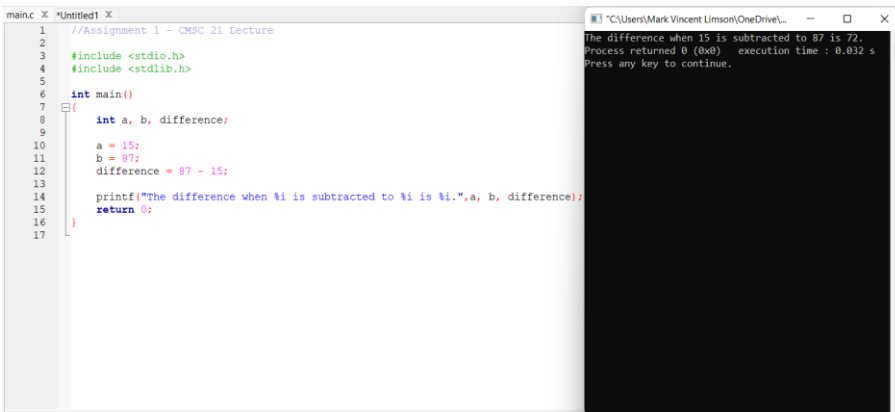
```
main.c X main.c X *Untitled1 X
1 //Assignment 1 - CMSC 21 Lecture
2
3 #include <stdio.h>
4 #include <stdlib.h>
5
6 int main(void)
7 {
8     printf("In C, lowercase letters are significant.\n");
9     printf("main is where program execution begins.\n");
10    printf("Opening and closing braces enclose program statements in a routine.\n");
11    printf("All program statements must be terminated by a semicolon.\n");
12    return 0;
13 }
14
```

```
"C:\Users\Mark Vincent Limson\OneDrive\Documents\UPV Seco...
In C, lowercase letters are significant.
main is where program execution begins.
Opening and closing braces enclose program statements in a routine.
All program statements must be terminated by a semicolon.

Process returned 0 (0x0)   execution time : 0.024 s
Press any key to continue.
```

2. The expected output from the given program is:
Testing.....1...2...3

3.

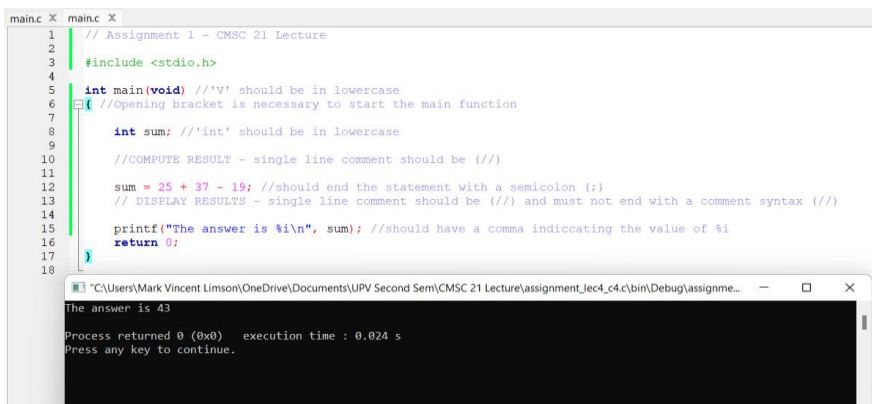


The screenshot shows a C program in a text editor and its execution output in a terminal window. The program defines variables `a` and `b` with values 15 and 87, calculates their difference, and prints a formatted string. The terminal output shows the formatted string, followed by the process return code and execution time.

```
main.c X *Untitled1 X
1 //Assignment 1 - CMSC 21 Lecture
2
3 #include <stdio.h>
4 #include <stdlib.h>
5
6 int main()
7 {
8     int a, b, difference;
9
10    a = 15;
11    b = 87;
12    difference = 87 - 15;
13
14    printf("The difference when %i is subtracted to %i is %i.",a, b, difference);
15    return 0;
16 }
17
```

```
"C:\Users\Mark Vincent Limson\OneDrive\...
The difference when 15 is subtracted to 87 is 72.
Process returned 0 (0x0)   execution time : 0.032 s
Press any key to continue.
```

4.



The screenshot shows a C program in a text editor and its execution output in a terminal window. The program defines a variable `sum` and calculates the result of `25 + 37 - 19`, which is 43. The terminal output shows the formatted string, followed by the process return code and execution time.

```
main.c X main.c X
1 // Assignment 1 - CMSC 21 Lecture
2
3 #include <stdio.h>
4
5 int main(void) // 'v' should be in lowercase
6 { //Opening bracket is necessary to start the main function
7
8     int sum; // 'int' should be in lowercase
9
10    //COMPUTE RESULT - single line comment should be (//)
11
12    sum = 25 + 37 - 19; //should end the statement with a semicolon (;)
13    // DISPLAY RESULTS - single line comment should be (//) and must not end with a comment syntax (//)
14
15    printf("The answer is %i\n", sum); //should have a comma indiccating the value of %i
16    return 0;
17 }
18
```

```
"C:\Users\Mark Vincent Limson\OneDrive\Documents\UPV Second Sem\CMSC 21 Lecture\assignment_1ec4_c4c\bin\Debug\assignme...
The answer is 43
Process returned 0 (0x0)   execution time : 0.024 s
Press any key to continue.
```

5. The expected result says:
C:\Users\Ma.... 6 error: expected ';' before 'result'
C:\Users\Ma.... 8 error: expected declaration or statement at end of input

