1. Write a program that prints the following text at the terminal. a. In C, lowercase letters are significant. b. main is where program execution begins. c. Opening and closing braces enclose program statements in a routine. d. All program statements must be terminated by a semicolon.

assignment_lec1_c1.c 2, U | assignment_lec1_c2.c 2, U | assignment_lec4_c4.c 2, U

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```c
#include <stdio.h>

int main(void)
{
    printf ("a.");
    printf (" In C, lowercase letters are significant.\n");
    printf ("b.");
    printf (" main is where program execution begins.\n");
    printf ("c.");
    printf (" Opening and closing braces enclose program statements in a routine.\n");
    printf ("d.");
    printf (" All program statements must be terminated by a semicolon.\n");
}
```

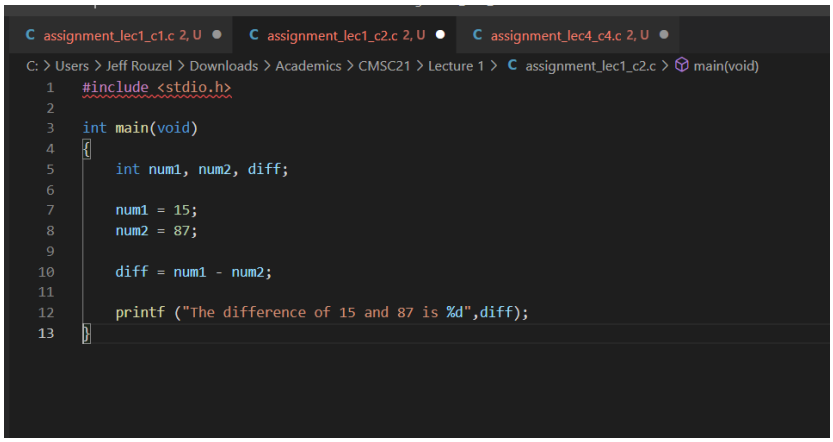
2. What output would you expect from the following program?

Output would be:

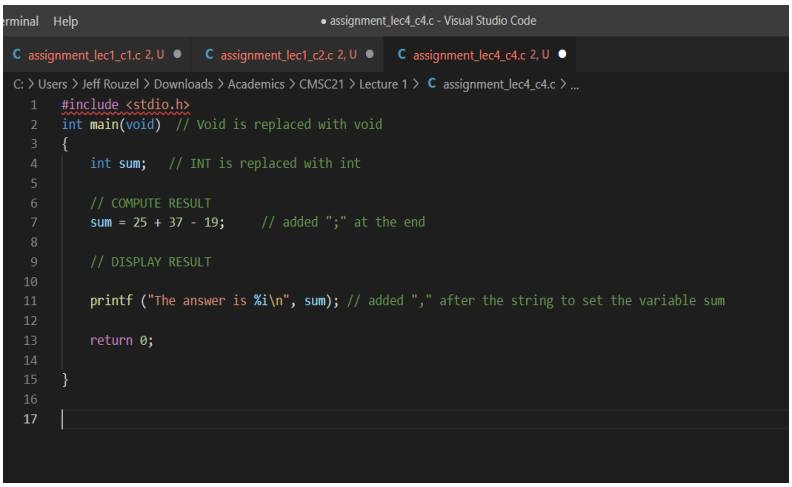
Testing…….1…2..3

```c
#include <stdio.h>

int main (void)

{

        printf ("Testing...");

        printf ("....1");

        printf ("...2");

        printf ("..3");

        printf ("\n");

        return 0;

}
```

3. . Write a program that subtracts the value 15 from 87 and displays the result, together with an appropriate message, at the terminal.



4. Identify the syntactic errors in the following program. Then type in and run the corrected program to ensure you have correctly identified all the mistakes.




```
#include <stdio.h>

int main(Void)

INT sum;

/* COMPUTE RESULT

sum = 25 + 37 - 19

/* DISPLAY RESULTS //

printf ("The answer is %i\n" sum);

return 0;
```

5. What output might you expect from the following program?

Output would be:

main.c:5:14: error: expected ';' before 'result'

```
#include <stdio.h>

int main (void)

{

int answer, result;

answer = 100.

result = answer - 10;

printf ("The result is %i\n", result +
5);

return 0;

}
```