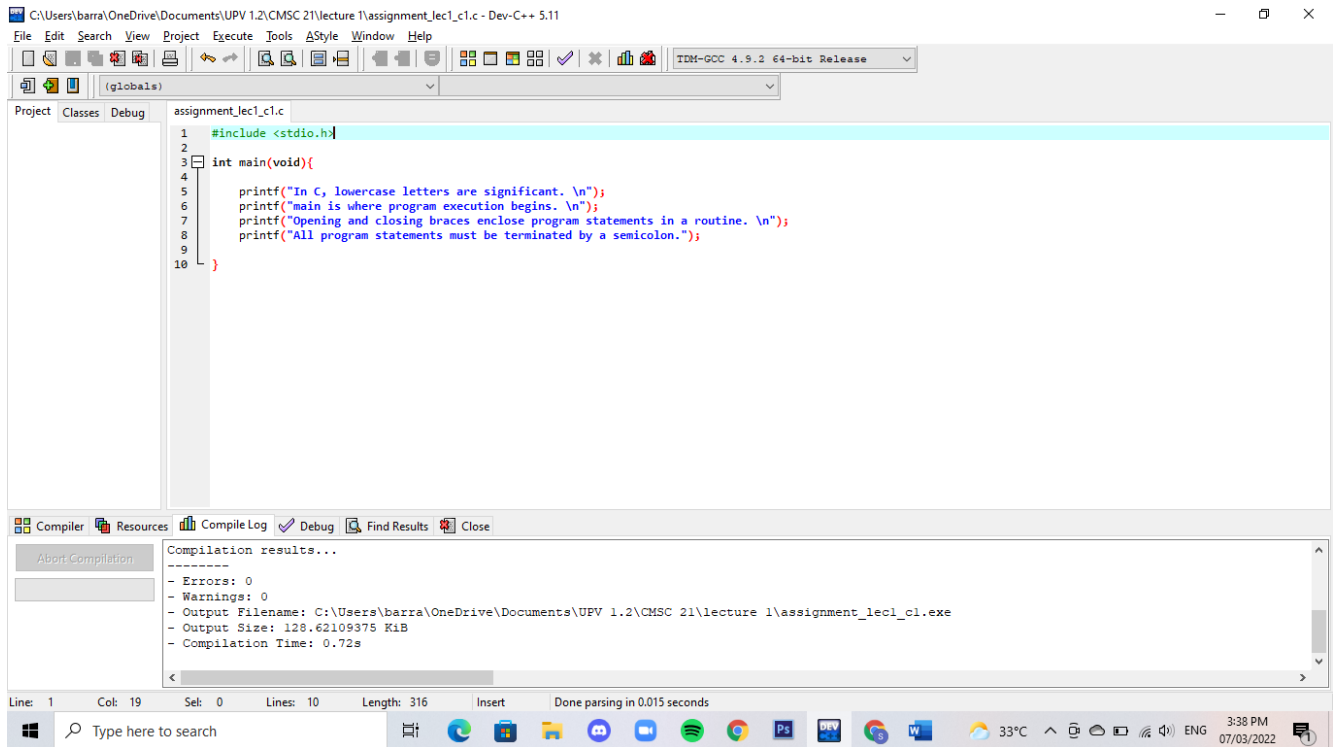


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Assignment #1 in CMSC 21 (lec) – 1

#1.



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

```
#include <stdio.h>
int main (void){
    printf ("Testing...");
    printf ("....1");
    printf ("...2");
    printf ("..3");
    printf ("\n");
    return 0;
}
```

expected output:

Testing.....1...2...3

#3.

C:\Users\barra\OneDrive\Documents\UPV 1.2\CMSC 21\lecture 1\assignment_lec1_c2.c - Dev-C++ 5.11

```
1 #include <stdio.h>
2
3 int main(void){
4     int difference;
5     difference = 87 - 15;
6     printf("When 15 is subtracted from 87, the result will be %d", difference);
7 }
8
9
10
11
```

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\barra\OneDrive\Documents\UPV 1.2\CMSC 21\lecture 1\assignment_lec1_c2.exe
- Output Size: 127.9521484375 KiB
- Compilation Time: 0.70s

Line: 1 Col: 19 Sel: 0 Lines: 11 Length: 174 Insert Done parsing in 0.031 seconds

#4

C:\Users\barra\OneDrive\Documents\UPV 1.2\CMSC 21\lecture 1\assignment_lec4_c4.c - Dev-C++ 5.11

```
1 #include <stdio.h>
2
3 int main(void){
4     int sum;
5     // COMPUTE RESULT
6     sum = 25 + 37 - 19;
7     // DISPLAY RESULTS
8     printf("The answer is %i\n", sum);
9     return 0;
10 }
11
12
13
14
15
```

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\barra\OneDrive\Documents\UPV 1.2\CMSC 21\lecture 1\assignment_lec4_c4.exe
- Output Size: 127.9521484375 KiB
- Compilation Time: 0.73s

Line: 1 Col: 19 Sel: 0 Lines: 15 Length: 180 Insert Done parsing in 0.016 seconds

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

```
#include <stdio.h>

int main (void){
    int answer, result;

    answer = 100.

    result = answer - 10;

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

    return 0;
}
```

Expected output:

The program will not run since there is an error in the part “answer=100.”. Instead of using a period, it should be a semicolon to run this code. When it is corrected, the expected output will be then:

The result is 95