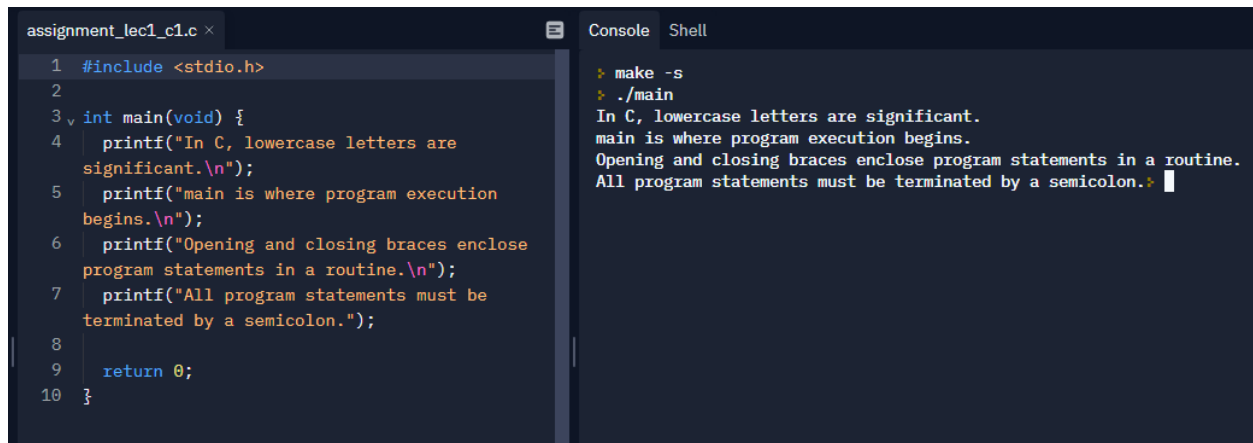


Ron Paolo Q. Molejona CMSC 21 Lecture 1 Assignment

1.



The screenshot shows a code editor with a file named `assignment_lec1_c1.c`. The code is a C program that prints several lines of text. The console output shows the command `make -s` and `./main` being executed, followed by the program's output.

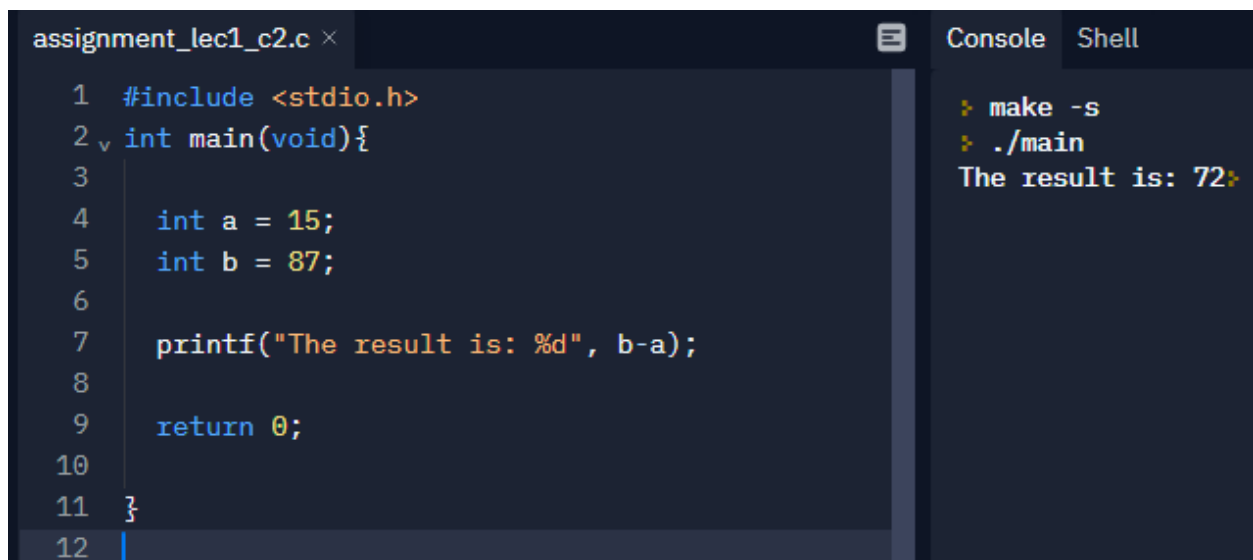
```
1 #include <stdio.h>
2
3 int main(void) {
4     printf("In C, lowercase letters are
5     printf("main is where program execution
6     printf("Opening and closing braces enclose
7     printf("All program statements must be
8
9     return 0;
10 }
```

```
> make -s
> ./main
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.>
```

2.

Output: Testing.....1...2..3

3.



The screenshot shows a code editor with a file named `assignment_lec1_c2.c`. The code is a C program that calculates the difference between two integers, `b` and `a`, and prints the result. The console output shows the command `make -s` and `./main` being executed, followed by the program's output.

```
1 #include <stdio.h>
2 int main(void){
3
4     int a = 15;
5     int b = 87;
6
7     printf("The result is: %d", b-a);
8
9     return 0;
10
11 }
12
```

```
> make -s
> ./main
The result is: 72>
```

4.

```
1  #include <stdio.h>
2  v int main(Void){
3
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
```

```
> make -s
> ./main
The answer is 43
> 
```

5.

The program you have provided has a syntactic error

answer = 100. —> answer = 100;

Regardless, the output that is expected will be: The result is 95