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| **Title** | 9th homework for Midterm in the C language class by 201923250 |

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**Summarization for chapter 11 (LOOPS)**

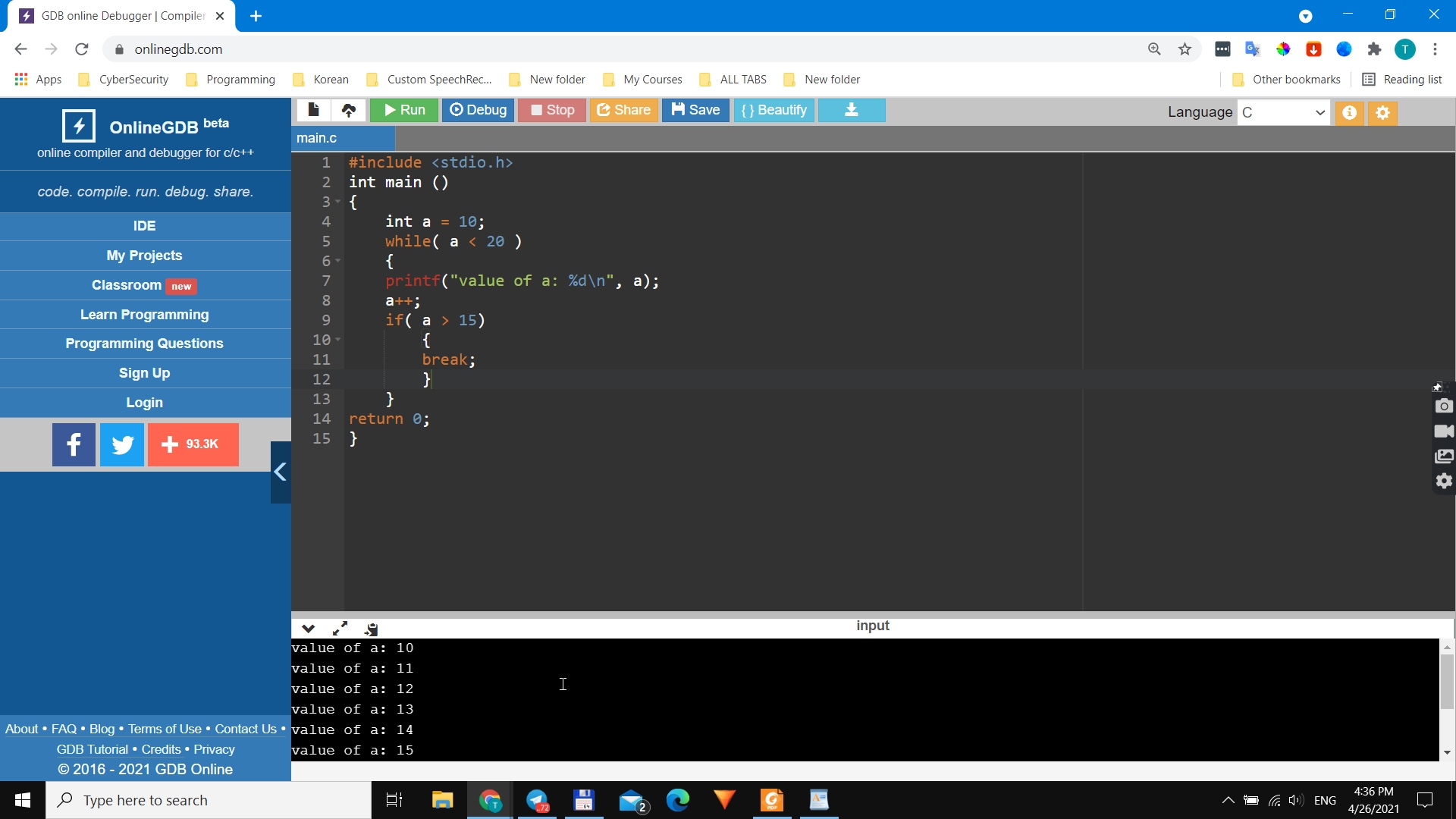
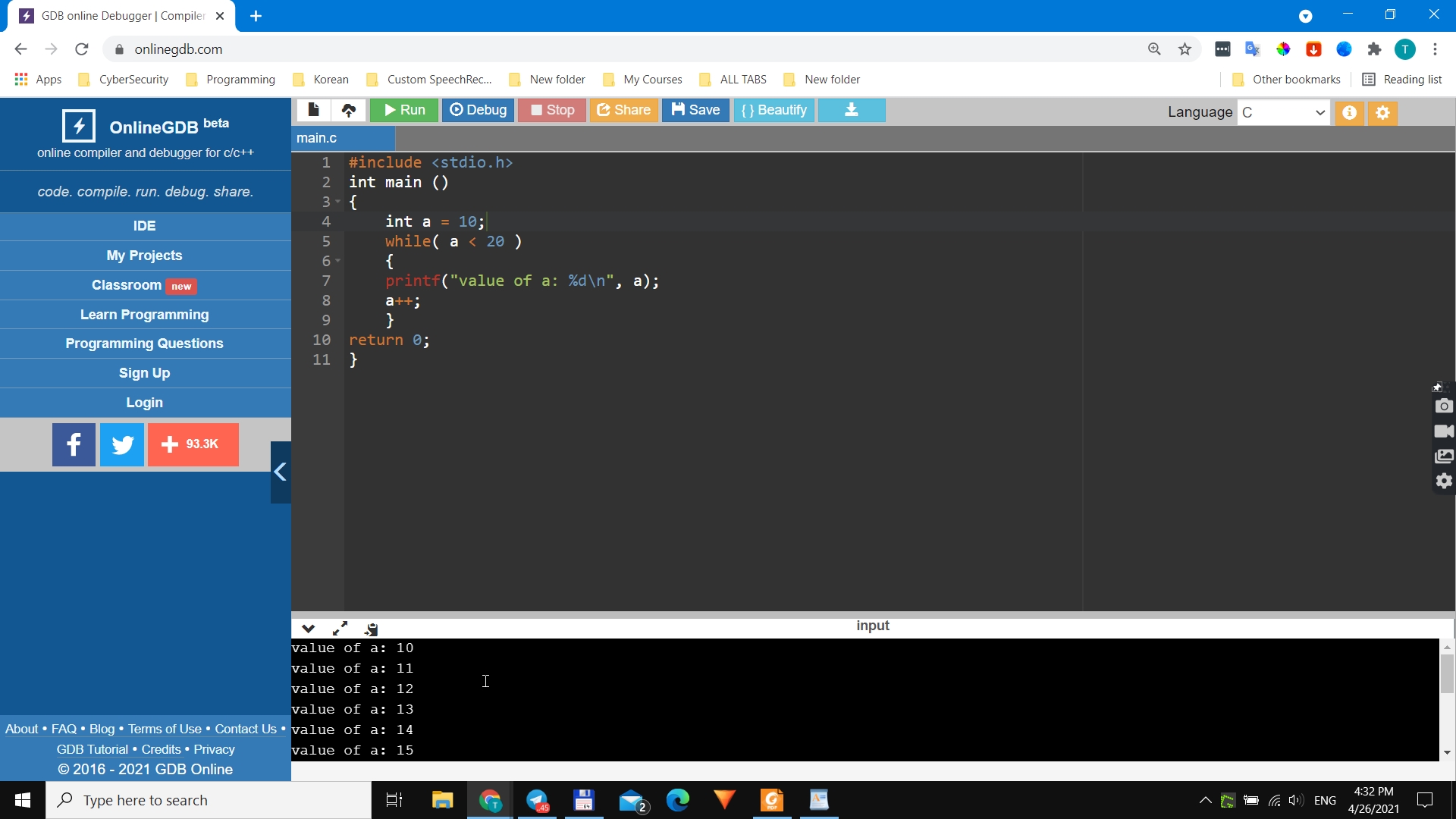
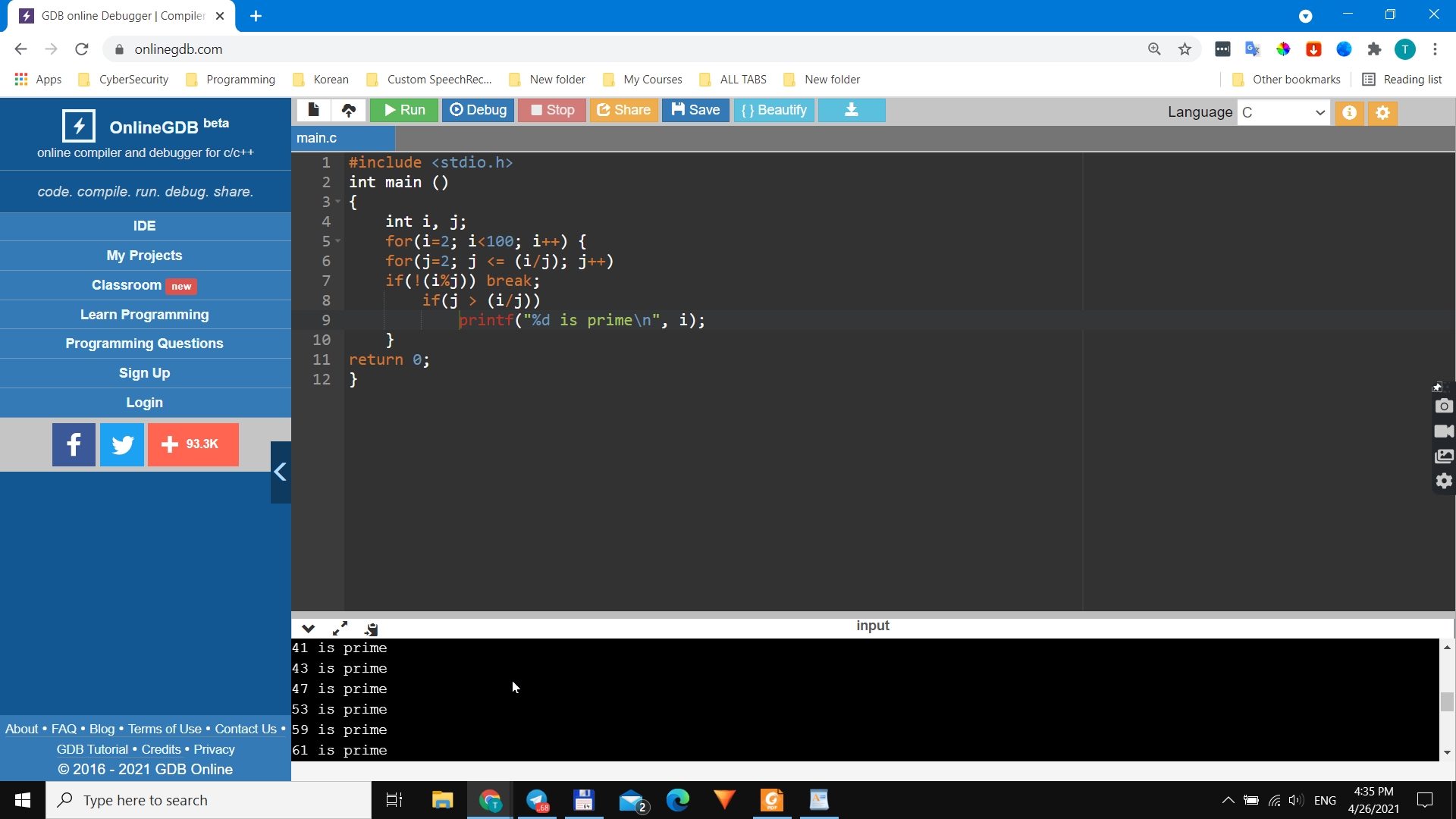
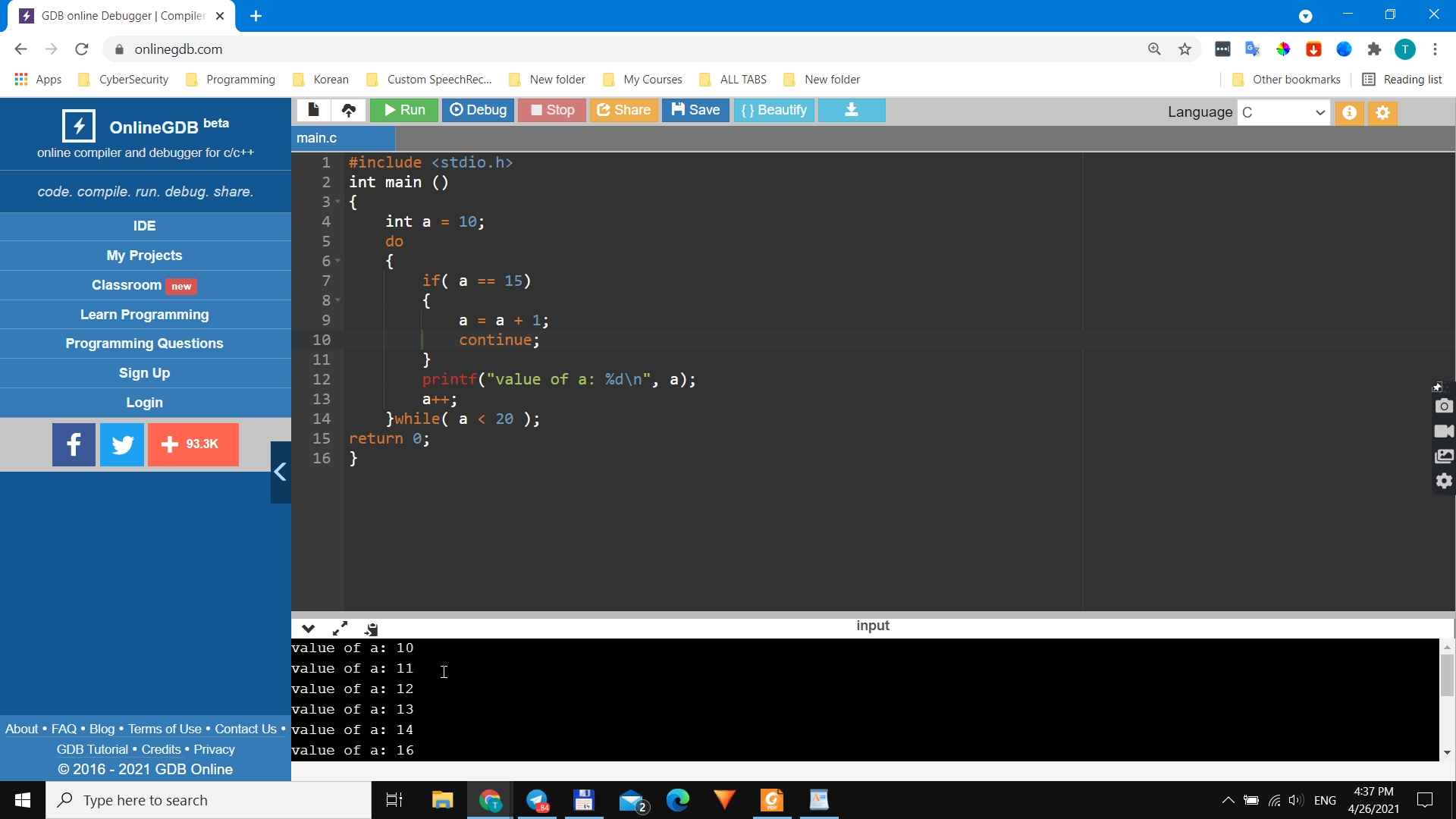
A loop statement allows us to execute a statement or group of statements multiple times. The following figure is the general form of a loop statement in most of the programming languages.

Most of the loop statements have a condition and conditional code. The statement can be a single statement or a block of statements. The condition may be any expression, and true is any nonzero value.

Note that The loop iterates while the condition is true. When the condition becomes false, program control passes to the line immediately following the loop. One of the key points of the while loop is that the loop might not ever run.

When the condition is tested and the result is false, the loop body will be skipped and the first statement after the while loop will be executed. A for loop is a repetition control structure that allows you to efficiently write a loop that needs to execute a specific number of times.

**Codes I practiced**

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