Statement and Block:

- A statement is a single line of code that performs a specific action. It could be a variable declaration, an assignment, a function call, a loop, etc.

- A block is a group of statements enclosed in curly braces '{}'. It's used to execute multiple statements together, like in conditional statements (if-else) and loops (for, while).

- Blocks help in controlling the scope of variables and organizing code logically.
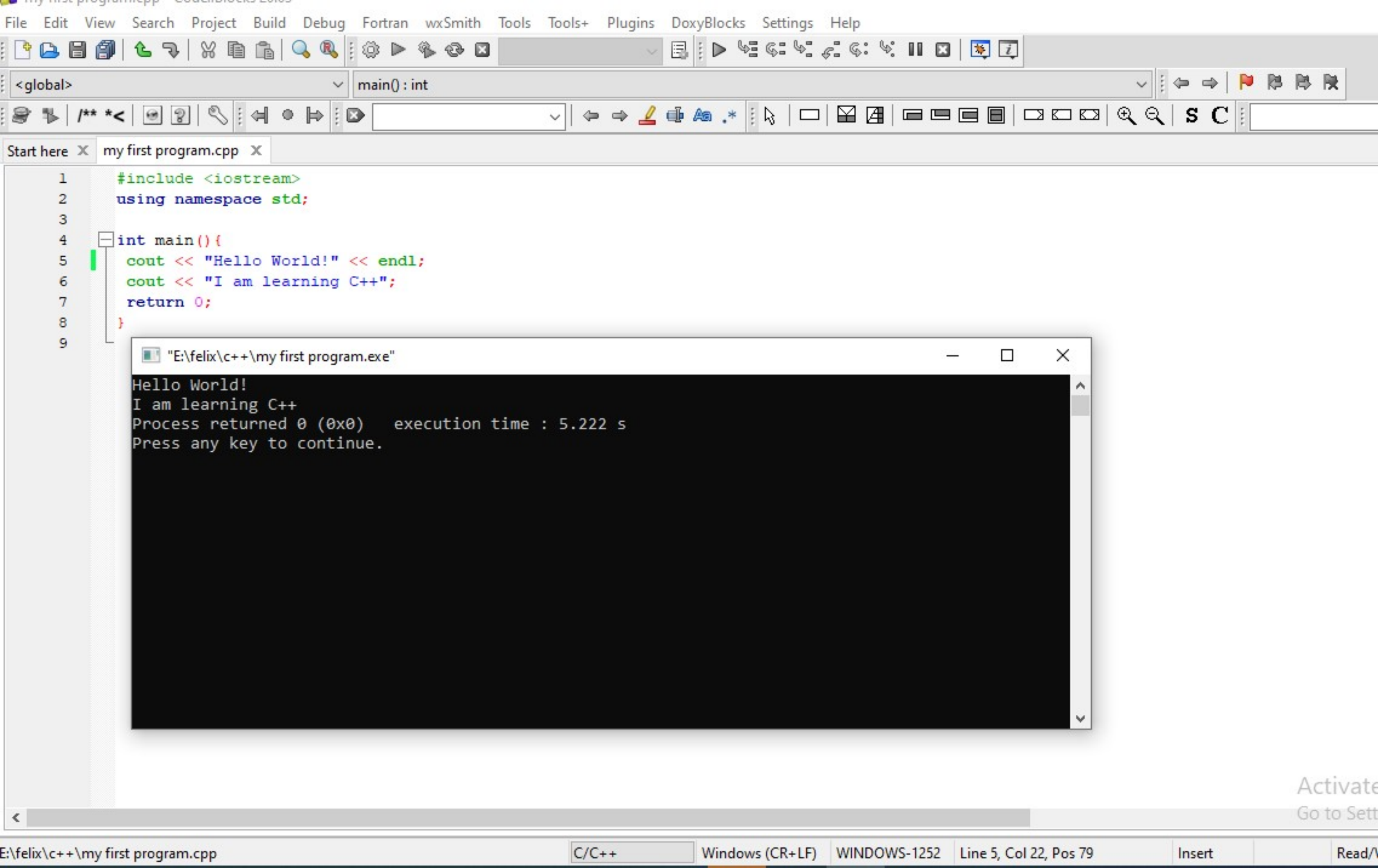
Input / Output Stream:

- Input Stream: It's a sequence of data that's going into a program. This can come from the keyboard, a file, or another program.

- Output Stream: It's a sequence of data coming out of a program. This could be displayed on the screen, written to a file, or sent to another program.

- Stream are abstract concept used to handle input and output operations in a handle input and output operations in a uniform way, regardless of the source or destination. They provide a common interface for reading and writing data.

Standard Library:

- The standard library refers to a set of pre-written functions, classes and constants provided by a programming language.

- It's a collection of reusable code that provides essential building blocks for developing applications.

- The standard library typically includes functions for tasks like input/output operations, String manipulation, mathematical operations, data structures and more.

- It saves developers time by providing commonly used functionality without having to reinvent the wheel.

Comments

- Comments are non-executable statements used to document code. They are ignored by the compiler or interpreter and exist purely for human readers.

- Comments come in different forms such as single line comments (// in many languages) and multi-line comments (/*...*/ or #---#).

- They are used to explain the purpose of code, provide context, document complex algorithms and leave reminders for future modifications.

- Writing clear and concise comments can greatly improve the readability and maintainability of code.

`<global>`   main() : int

Start here ✕   my first program.cpp ✕

```cpp
1    #include <iostream>
2    using namespace std;
3
4    int main(){
5      cout << "Hello World!" << endl;
6      cout << "I am learning C++";
7      return 0;
8    }
9
```

"E:\felix\c++\my first program.exe"

```
Hello World!
I am learning C++
Process returned 0 (0x0)   execution time : 5.222 s
Press any key to continue.
```

🏠 🔒 **github.com/SWEG** 🎤 :D 🔺

SWEG-2015EC-Batch / **Felix**

‹› **Code**   ⊙ Issues   ⇅ Pull requests 1   💬 Discussions   ⊙ Actions   ⊞ Projects   ⊘ Security   📈 Insights

Comparing changes

Choose two branches to see what's changed or to start a new pull request. If you need to, you can also compare across forks or learn more about diff comparisons.

⇅ base repository: SWEG-2015EC-Batch/Felix ▾   base: main ▾   ← ··· head repository: Natthy2023/Felix ▾   compare: patch-1 ▾

✓ **Able to merge.** These branches can be automatically merged.

Discuss and review the changes in this comparison with others. Learn about pull requests   **Create pull request**

○ **1** commit   ⊡ **1** file changed   👥 **1** contributor

◇─ Commits on Nov 11, 2023

│   **Create README.md**   Verified   📋 dd92a3b ‹›
│   🔘 **Natthy2023** committed 3 minutes ago

⊡Showing **1** changed file with **1** addition and **0** deletions.   Split Unified

⌄ 1 ▪▪▪▪▪▪ ETS1071_15_Natnael_Asfaw/README.md ⎘   ‹› 📄 ···

··· | ···   @@ -0,0 +1 @@
      1   +