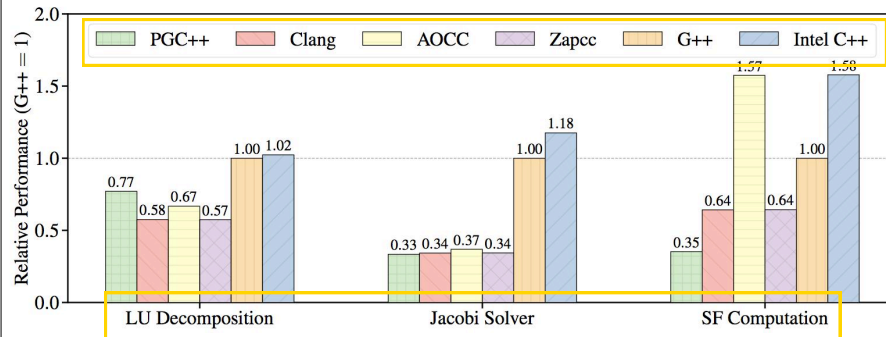


C++ Compilers



single-threaded, higher is better

21

```
#include <iostream>

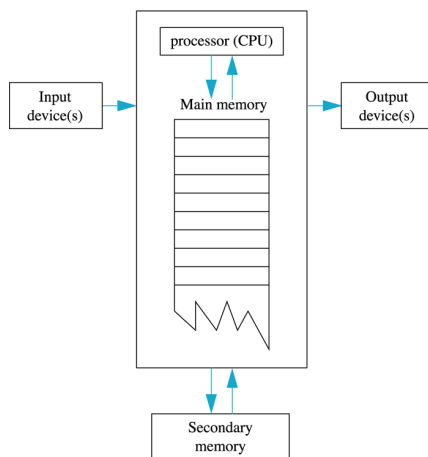
int main()
{
    std::cout << "Hello World!" << std::endl;
    return 0;
}
```

```
~/workspace/ $ g++ hello.cpp -o hello
~/workspace/ $ ls -l
total 16
-rwx----- 1 ubuntu ubuntu 9176 Sep 10 15:21 hello*
-rw----- 1 ubuntu ubuntu  91 Sep 10 15:20 hello.cpp
~/workspace/ $ ./hello
Hello World!
~/workspace/ $
```

22

How programs run?

Main Components of a Computer



from: Problem Solving with C++, 10th Edition, Walter Savitch

23

CSC 211: Computer Programming

Introduction to C/C++

Prof. Michael Conti

Department of Computer Science and Statistics
University of Rhode Island

Summer 2026

THINK BIG  WE DO™



Original design and development by Dr. Marco Alvarez