

```
1 #include <iostream>
2
3 int main() {
4     #ifdef _WIN32
5         std::cout << "Running on Windows" << std::endl;
6         std::system("ver");
7         std::cout << "MS Visual C++ compiler version:" << _MSC_VER << std::endl;
8     #elif __linux__
9
10        std::cout << "Running on Linux" << std::endl;
11        std::system("cat /etc/os-release");
12        std::system("g++ -v");
13    #endif
14    return 0;
15 }
```


STDIN

Input for the program ( Optional )

Output:


Running on Linux  
NAME="Ubuntu"  
VERSION="20.04.4 LTS (Focal Fossa)"  
ID=ubuntu  
ID\_LIKE=debian  
PRETTY\_NAME="Ubuntu 20.04.4 LTS"  
VERSION\_ID="20.04"  
HOME\_URL="https://www.ubuntu.com/"  
SUPPORT\_URL="https://help.ubuntu.com/"  
BUG\_REPORT\_URL="https://bugs.launchpad.net/ubuntu/"  
PRIVACY\_POLICY\_URL="https://www.ubuntu.com/legal/terms-and-policies/privacy-policy"  
VERSION\_CODENAME=focal  
UBUNTU\_CODENAME=focal


Using built-in specs.  
COLLECT\_GCC=g++  
COLLECT\_LTO\_WRAPPER=/usr/lib/gcc/x86\_64-linux-gnu/9/lto-wrapper  
OFFLOAD\_TARGET\_NAMES=nvptx-none:hsa  
OFFLOAD\_TARGET\_DEFAULT=1  
Target: x86\_64-linux-gnu  
Configured with: ../src/configure -v --with-pkgversion='Ubuntu 9.4.0-1ubuntu1~20.04  
Thread model: posix  
gcc version 9.4.0 (Ubuntu 9.4.0-1ubuntu1~20.04.1)

 JDoodle

[Solutions](#) [Resources](#) [Pricing](#)

 C#





[Login](#)

Execute ▶

External Libraries

Upload Files

I/O

Input

Language Version: GCC 13.2.1

Interactive

Input Arguments

Stdin Inputs

Output

Running on Linux  
NAME="Arch Linux"  
PRETTY\_NAME="Arch Linux"  
ID=arch  
BUILD\_ID=rolling  
VERSION\_ID=20231112.0.191179  
ANSI\_COLOR="38;2;23;147;209"  
HOME\_URL="https://archlinux.org/"  
DOCUMENTATION\_URL="https://wiki.archlinux.org/"  
SUPPORT\_URL="https://bbs.archlinux.org/"  
BUG\_REPORT\_URL="https://bugs.archlinux.org/"  
PRIVACY\_POLICY\_URL="https://terms.archlinux.org/docs/privacy-policy/"  
LOGO=archlinux-logo

Using built-in specs.  
COLLECT\_GCC=g++  
COLLECT\_LTO\_WRAPPER=/usr/lib/gcc/x86\_64-pc-linux-gnu/13.2.1/lto-wrapper  
Target: x86\_64-pc-linux-gnu  
Configured with: /build/gcc/src/gcc/configure --enable-languages=ada,c,c++,d,fortran,go,lto,objc,obj-c++ --enable-bootstrap --prefix=/usr --libdir=/usr/lib --libexecdir=/usr/lib  
Thread model: posix  
Supported LTO compression algorithms: zlib zstd  
gcc version 13.2.1 20230801 (GCC)

Debug with JDroid

CPU Time: 0.00 sec(s) | Memory: 3584 kilobyte(s) | Compiled and executed in 1.373 sec(s)

Generated Files



/home/seni/CLionProjects/a.mikhadziuk\_hw/HW2/cmake-build-debug/a.mikhadziuk\_hw

Running on Linux

PRETTY\_NAME="Ubuntu 22.04.3 LTS"

NAME="Ubuntu"

VERSION\_ID="22.04"

VERSION="22.04.3 LTS (Jammy Jellyfish)"

VERSION\_CODENAME=jammy

ID=ubuntu

ID\_LIKE=debian

HOME\_URL="https://www.ubuntu.com/"

SUPPORT\_URL="https://help.ubuntu.com/"

BUG\_REPORT\_URL="https://bugs.launchpad.net/ubuntu/"

PRIVACY\_POLICY\_URL="https://www.ubuntu.com/legal/terms-and-policies/privacy-policy"

UBUNTU\_CODENAME=jammy

Using built-in specs.

COLLECT\_GCC=g++

COLLECT\_LTO\_WRAPPER=/usr/lib/gcc/x86\_64-linux-gnu/11/lto-wrapper

OFFLOAD\_TARGET\_NAMES=nvptx-none:amdgc-n-amdhsa

OFFLOAD\_TARGET\_DEFAULT=1

Target: x86\_64-linux-gnu

Configured with: ../src/configure -v --with-pkgversion='Ubuntu 11.4.0-1ubuntu1~22.04' --with-bugurl=<file:///usr/share/doc/gcc-11/README.Bugs> --enable-languages=c,ada,c++,go,brig,d,fortran,objc,obj-c++,m2 --prefix=/u

Thread model: posix

Supported LTO compression algorithms: zlib zstd

gcc version 11.4.0 (Ubuntu 11.4.0-1ubuntu1~22.04)

Process finished with exit code 0

File Machine View Input Devices Help

File Edit View Git Project Build Debug Test Analyze Tools Extensions Window Help

Debug x64 Local Windows Debugger Auto

Solution Explorer

Solution 'Project1' (1 of 1 project)

- Project1
  - References
  - External Dependencies
  - Header Files
  - Resource Files
  - Source Files
    - report.cpp

report.cpp

Project1 (Global Scope)

```
1 #include <iostream>
2 int main(){
3 #ifdef _WIN32
4     std::cout << "Running on Windows"<<
5     std::endl;
6     std::system("ver");
7     std::cout << "MS Visual C++ compiler
8 #elif __linux__
9     std::cout << "Running on Linux" <<
10    std::endl;
11    std::system("cat /etc/os-release");
12    std::system("g++ -v")
13 #endif
14    return 0;
15 }
```



Mouse integration ...

Auto capture keyboard ...

GitHub Copilot

main()

Microsoft Visual Studio Debug Console

Running on Windows

Microsoft Windows [Version 10.0.19045.3570]

MS Visual C++ compiler version:1940

C:\Users\user\source\repos\Project1\x64\Debug\Project1.exe (process 1740) exited with code 0.

Press any key to close this window . . .

Solution

Build



Type here to search



4:14 PM

6/29/2024