```
2 linuxlab006.engr.wustl.edu
3 which g++:
       /project/compute/compilers/gcc-8.3.0/bin/g++
 g++ -v:
       Using built-in specs.
       COLLECT GCC=g++
       COLLECT LTO WRAPPER=/project/engineering/compilers/gcc-8.3.0/bin/../libexec/gcc/
       x86 64-pc-linux-gnu/8.3.0/lto-wrapper
       Target: x86_64-pc-linux-gnu
       Configured with: ../gcc-8.3.0/configure --prefix=/project/compute/compilers/gcc-8.3.0 --
       enable-languages=c,c++,fortran,go --disable-multilib
       Thread model: posix
       gcc version 8.3.0 (GCC)
4
       [wang.y1@linuxlab006 studio0]$ make
       g++ -o studio0 -DUNIX -Wall -W -g -std=c++17 studio0.cpp
       [wang.y1@linuxlab006 studio0]$ ./studio0
       hello, world!
5.
No argument
       [wang.y1@linuxlab006 studio0]$ ./studio0
       usage: ./studio0 <arg1> [<argv2>....]
       [wang.y1@linuxlab006 studio0]$ echo $?
With 1 argument
       [wang.y1@linuxlab006 studio0]$ ./studio0 1
       hello, world!
       [wang.y1@linuxlab006 studio0]$ echo $?
6
       The content of the a.txt file did not change after the second run without write permission.
       [wang.y1@linuxlab006 studio0]$ ./studio0 a.txt
       [wang.y1@linuxlab006 studio0]$ echo $?
       [wang.y1@linuxlab006 studio0]$ cat a.txt
       hello, world!
       [wang.y1@linuxlab006 studio0]$ chmod a-w a.txt
       [wang.y1@linuxlab006 studio0]$ ./studio0 a.txt
       [wang.y1@linuxlab006 studio0]$ echo $?
```

[wang.y1@linuxlab006 studio0]\$ cat a.txt

hello, world!

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