

```
Script started on 2024-02-06 17:52:41-06:00 [TERM="xterm-256color" TTY="/dev/pts/0" COLUMNS="238" LINES="47"]
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CS2/Lab/Lab_5[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CS2/Lab/Lab_5[00m$ pwd
[?2004l
/home/jovyan/CS2/Lab/Lab_5
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CS2/Lab/Lab_5[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CS2/Lab/Lab_5[00m$ ls -la
[?2004l
total 12
drwxr-sr-x 2 jovyan users 4096 Feb  6 17:52 [0m[01;34m.[0m
drwxr-sr-x 8 jovyan users 4096 Feb  6 11:13 [01;34m..[0m
-rw-r--r-- 1 jovyan users  667 Feb  6 17:52 ifstatements.cpp
-rw-r--r-- 1 jovyan users    0 Feb  6 17:52 Sabin_Lab_5.log
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CS2/Lab/Lab_5[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CS2/Lab/Lab_5[00m$ cat -n
ifstatements.cpp
[?2004l
    1 //Tyler Sabin
    2 //Section 004
    3
    4 #include <iostream>
    5 #include <iomanip>
    6
    7 int main(){
    8
    9     float grade{};
   10
   11     std::cout << "Enter a value between 0-100 (inclusive): " << ' ';
   12     std::cin >> grade;
   13
   14     std::cout << std::fixed << std::setprecision(2);
   15     if(grade >= 73 && grade <= 100){
   16         std::cout << '\n' << grade << ' ' << "is Great." << std::endl;
   17     } else if(grade >= 60){
   18         std::cout << '\n' << grade << ' ' << "is Passing." << std::endl;
   19     } else if (grade < 60 && grade >= 0){
   20         std::cout << '\n' << grade << ' ' << "is Failing." << std::endl;
   21     } else{
   22         std::cout << '\n' << grade << ' ' << "INVALID GRADE!" << std::endl;
   23     }
   24 }[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CS2/Lab/Lab_5[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CS2/Lab/Lab_5[00m$
g__-Wall[K[K[K[K[K[K[K++ -Wall -Wextra -Werror ifstatements.cpp -o ifreview
[?2004l
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CS2/Lab/Lab_5[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CS2/Lab/Lab_5[00m$ ./ifreview
[?2004l
Enter a value between 0-100 (inclusive): 73

73.00 is Great.
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CS2/Lab/Lab_5[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CS2/Lab/Lab_5[00m$ ./ifreview
[?2004l
Enter a value between 0-100 (inclusive): 69.99

69.99 is Passing.
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CS2/Lab/Lab_5[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CS2/Lab/Lab_5[00m$ ./ifreview
[?2004l
Enter a value between 0-100 (inclusive): 45

45.00 is Failing.
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CS2/Lab/Lab_5[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CS2/Lab/Lab_5[00m$ ./ifreview
[?2004l
Enter a value between 0-100 (inclusive): -2

-2.00 INVALID GRADE!
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CS2/Lab/Lab_5[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CS2/Lab/Lab_5[00m$ ./ifreview
[?2004l
Enter a value between 0-100 (inclusive): -102.45

-102.45 INVALID GRADE!
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CS2/Lab/Lab_5[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CS2/Lab/Lab_5[00m$ exit
[?2004l
exit

Script done on 2024-02-06 17:54:26-06:00 [COMMAND_EXIT_CODE="0"]
```