

```
Script started on 2024-02-02 15:43:58-06:00 [TERM="xterm-256color" TTY="/dev/pts/0" COLUMNS="122" LINES="33"]
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CS2/Lab/Lab_4[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CS2/Lab/Lab_4[00m$ pwd
[?2004l
/home/jovyan/CS2/Lab/Lab_4
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CS2/Lab/Lab_4[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CS2/Lab/Lab_4[00m$ ls -la
[?2004l
total 36
drwxr-sr-x 3 jovyan users 4096 Feb  2 15:43 [0m[01;34m.[0m
drwxr-sr-x 7 jovyan users 4096 Feb  1 13:46 [01;34m..[0m
-rwxr-xr-x 1 jovyan users 17520 Feb  2 15:43 [01;32mf2c[0m
-rw-r--r-- 1 jovyan users  484 Feb  2 15:43 ftoc.cpp
drwxr-sr-x 2 jovyan users 4096 Feb  1 14:18 [01;34m.ipynb_checkpoints[0m
-rw-r--r-- 1 jovyan users    0 Feb  2 15:43 Sabin_Lab_4.log
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CS2/Lab/Lab_4[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CS2/Lab/Lab_4[00m$ cat -n
ftc[Koc.cpp
[?2004l
    1 #include <iostream>
    2 #include <string>
    3 #include <iomanip>
    4
    5 //Tyler Sabin
    6 //Section 2170-004
    7
    8 int main(){
    9     double fahrenheit{};
   10
   11     double celsius{};
   12
   13     std::cout << std::fixed << std::setprecision(3);
   14     std::cout << "Enter a temperature in Fahrenheit: ";
   15     std::cin >> fahrenheit;
   16
   17     celsius = (5.0/9.0) * (fahrenheit - 32);
   18
   19     std::cout << '\n' << std::setw(5) << fahrenheit << std::setw(4) << "F =" <<
   20     std::setw(7) << celsius << std::setw(3) <<"C" << std::endl;
   21 }
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CS2/Lab/Lab_4[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CS2/Lab/Lab_4[00m$ cat -n
ftoc.cpp[9Pls -la[3Ppwdclear./f2cg++ -Wall -Werror -Wextra ftoc.cpp -o f2c
[?2004l
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CS2/Lab/Lab_4[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CS2/Lab/Lab_4[00m$ g++ -Wall -
Werror -Wextra ftoc.cpp -o f2c[26Pcat -n ftoc.cpp[9Pls -la[3Ppwdclear[2Ppwdls -lacat -n ftoc.cppg++ -Wall -Werror -Wextra
ftoc.cpp -o f2c[Kg++ -Wall -Werror -Wextra ftoc.cpp -o f2c[26Pcat -n ftoc.cpp[9Pls -la[3Ppwdclear./f2c
[?2004l
Enter a temperature in Fahrenheit: 96

96.000 F = 35.556  C
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CS2/Lab/Lab_4[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CS2/Lab/Lab_4[00m$ ./f2c
[?2004l
Enter a temperature in Fahrenheit: 98.6

98.600 F = 37.000  C
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CS2/Lab/Lab_4[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CS2/Lab/Lab_4[00m$ ./f2c
[?2004l
Enter a temperature in Fahrenheit: 0

0.000 F =-17.778  C
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CS2/Lab/Lab_4[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CS2/Lab/Lab_4[00m$ ./f2c
[?2004l
Enter a temperature in Fahrenheit: -10

-10.000 F =-23.333  C
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CS2/Lab/Lab_4[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CS2/Lab/Lab_4[00m$ ./f2c
[?2004l
Enter a temperature in Fahrenheit: 100

100.000 F = 37.778  C
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/CS2/Lab/Lab_4[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/CS2/Lab/Lab_4[00m$ exit
[?2004l
exit
Script done on 2024-02-02 15:45:15-06:00 [COMMAND_EXIT_CODE="0"]
```