m_sadaf1@ares:~$ pwd
/home/students/m_sadaf1
m_sadaf1@ares:~$ cat monogram.info
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Class: CSC121 W01

Project: Monograms'r'Us
Level: 1.5

Description:

This program prints the user's monogram.

m_sadaf1@ares:~$ cat monogram.tpq
Thought Provoking Questions:

1) toupper() and tolower() from cctype library.

2) The program would still execute and do what it's supposed
to do despite of the user giving more than one space between
the initials or not giving any space at all.

3)It gives out digits and symbols as the user's monogram.

m_sadaf1@ares:~$ cat monogram.cpp
```cpp
#include <iostream>
#include <cctype>

using namespace std;

int main (void)
{
    char first, middle, last;

    cout<< "\t\t\tWelcome to the Monogram Layout Program!!!"
            "\n";

    cout<< "What are your initials?\n";

    cin>> first>> middle>> last;

    first = static_cast<char>(tolower(first));

    middle =  static_cast<char>(toupper(middle));

    last = static_cast<char>(toupper(last));

    cout<< "\nThank you!!!\n";

    cout<< "\nYour monogram will be "
            << middle<< "." <<first<< "." << last<< ".\n";

    cout<< "\nThank you for using the MLP!!!\n";

    cout<< "\nEndeavor to have a magnificent day!\n";

    return 0;
}
```
m_sadaf1@ares:~$ CPP monogram
monogram.cpp***

m_sadaf1@ares:~$ ./monogram.out
                            Welcome to the Monogram Layout Program!!!
What are your initials?
mbu

Thank you!!!

Your monogram will be B.m.U.

Thank you for using the MLP!!!

Endeavor to have a magnificent day!
m_sadaf1@ares:~$ ./monogram.out
                            Welcome to the Monogram Layout Program!!!
What are your initials?
M B U

Thank you!!!

Your monogram will be B.m.U.

Thank you for using the MLP!!!

```
Endeavor to have a magnificent day!
m_sadaf1@ares:~$ ./monogram.out
                        Welcome to the Monogram Layout Program!!!
What are your initials?
MBU

Thank you!!!

Your monogram will be B.m.U.

Thank you for using the MLP!!!

Endeavor to have a magnificent day!
m_sadaf1@ares:~$ exit
exit

Script done on 2020-10-03 07:38:03-0500
```