String Input Console Application Documentation

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CSC450: Programming III

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String Input Console Application Documentation

```
#include <iostream>

#include <string>


void

concatUserStrings()

{

        std::string strOne{};

        std::string strTwo{};


        std::cout << "String one: ";

        std::getline(std::cin, strOne);

        std::cout << "String two: ";

        std::getline(std::cin, strTwo);


        std::cout << "Concatenated strings: '" << strOne << strTwo << "'" << std::endl;

}


auto

main(int argc, char *argv[]) -> int

{

        int TIMES_TO_LOOP = 3;
```

```
for (int i = 0; i < TIMES_TO_LOOP; i++)

{

concatUserStrings();

}


return 0;

}
```

Figure 1

Console Output

```cpp
#include <iostream>
#include <string>

void
concatUserStrings()
{
    std::string strOne{};
    std::string strTwo{};

    std::cout << "String one: ";
    std::getline(std::cin, strOne);
    std::cout << "String two: ";
    std::getline(std::cin, strTwo);

    std::cout << "Concatenated strings: '" << strOne << strTwo << "'" << std::endl;
}

auto
main(int argc, char *argv[]) -> int
{
    int TIMES_TO_LOOP = 3;

    for (int i = 0; i < TIMES_TO_LOOP; i++)
    {
        concatUserStrings();
    }

    return 0;
}
```

```
    N   518   CSC450/module_2/main.cpp   1:0 All                    C++//l  ⊗0 △0 ⓘ0
~/programs/Learning/College/CSC450/module_2
$ ./main
String one: Cole
String two:  Bruns
Concatenated strings: 'Cole Bruns'
String one: Cole,
String two: Bruns
Concatenated strings: 'Cole, Bruns'
String one: Hello,
String two:  World!
Concatenated strings: 'Hello, World!'
~/programs/Learning/College/CSC450/module_2
$ |
```