

Code:

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

std::string getUserInput() {
    std::string userInput;
    // if didnt get user input then error
    if (!std::getline(std::cin, userInput)) {
        std::cout << "error: failed to get user input" << std::endl;
        std::exit(EXIT_FAILURE);
    }
    // confirm input is not empty
    if (userInput.empty()) {
        std::cout << "error: input can't be empty :)" << std::endl;
        std::exit(EXIT_FAILURE);
    }

    return userInput;
}

int main() {
    std::string inputString1;
    std::string inputString2;
    std::string concatenatedStrings;

    std::cout << "This program will ask for 2 strings then concatenate them. This process will be
    completed a total of 3 times." << std::endl;

    for (int i = 0; i < 3; i++) {
        std::cout << "Please enter the first string: ";
        inputString1 = getUserInput();
        std::cout << "Please enter the second string: ";
        inputString2 = getUserInput();

        concatenatedStrings = inputString1 + inputString2;
        std::cout << "here are the strings concatenated: " << concatenatedStrings << std::endl;
    }

    std::cout << "this is the end of the program :p" << std::endl;

    return 0;
}
```

Screenshot:

```
EXPLORER -- mod_Ct2.cpp U : Documentation... U  
▼ PROGCSSCLASS      mod_CT_? ? C mod_CT2.zpp ? main() #include <iostream>  
    > _yrcode          *   1         2 #include <istream>  
    ▼ modl_CT         *       3  
C CSCASQ.CT1.modl~.. 4 std::string getUserInput() {  
C CSCASQ.CT1.modl~.. 5     std::string userInput;  
C CSCASQ.CT1.modl~.. 6 // if didnt get user input then error  
A Documentatio... U 7 if (!std::getline(std::cin, userInput)) {  
▼ mod2_CT           *   8     std::cout << "error: failed to get user input" << std::endl;  
    > output          *   9     std::exit(EXIT_FAILURE);  
C mod2_CT2.zpp U    10 }  
① README.md        11 // confirm input is not empty  
                  12 if (userInput.empty()) {  
                  13     std::cout << "error: input can't be empty :)" << std::endl;  
                  14     std::exit(EXIT_FAILURE);  
                  15 }  
                  16 return userInput;  
                  17 }  
                  18 }  
                  19  
                20 int main() {  
                21     std::string inputString1;  
                22     std::string InputString2;  
                23     std::string concatenatedStrings;  
  
                24     std::cout << "This program will ask for 2 strings then concatenate them. This process will be completed a total of 3 times." << std::endl;  
  
                25     for (int i = 0; i < 3; i++) {  
                26         std::cout << "Please enter the first string: ";  
                27         InputString1 = GetUserInput();  
                28  
                29     }
```

Github repo: [https://github.com/Joshuamrollo/Prog3Class/tree/main/mod2\\_CT](https://github.com/Joshuamrollo/Prog3Class/tree/main/mod2_CT)