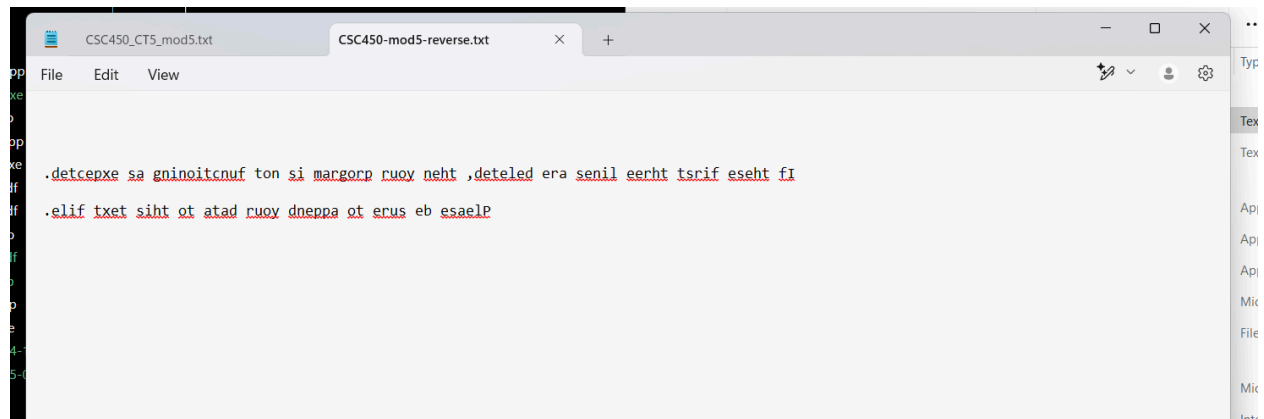


Module 5 CT Code:

```
1  #include <iostream>
2  #include <fstream>
3  #include <string>
4  #include <algorithm>
5
6  void Reverse(const std::string& input, const std::string& output) {
7      std::ifstream file(input);
8      if (!file) {
9          std::cerr << "Unable to open input file " << input << std::endl;
10         return;
11     }
12
13     std::string word((std::istreambuf_iterator<char>(file)), std::istreambuf_iterator<char>());
14     file.close();
15
16     std::reverse(word.begin(), word.end());
17
18     std::ofstream outFile;
19     if (!outFile) {
20         std::cerr << "Error: Unable to open output file: " << output << std::endl;
21         return;
22     }
23
24     outFile << word;
25     outFile.close();
26 }
27
28 int main() {
29     const std::string input = "C:/Users/migue/Downloads/CSC450_CT5_mod5.txt";
30     const std::string output = "C:/Users/migue/Downloads/CSC450-mod5-reverse.txt";
31
32     Reverse(input, output);
33
34     std::cout << "File processing completed. " << output << std::endl;
35
36     return 0;
37 }
```

OutPut:



The screenshot shows a text editor window with two tabs: "CSC450_CT5_mod5.txt" and "CSC450-mod5-reverse.txt". The "CSC450-mod5-reverse.txt" tab is active, displaying the reversed content of the input file. The text is as follows:

```
.detcepxe sa gninoitcnuf ton si margorp ruoy neht ,deteled era senil eerht tsrif eseht fi
.elif txet siht ot atad ruoy dneppa ot erus eb esaelp
```