**Pseudo code**

string rev\_text(string revText)

{

int txtLen = revText.length();

string retString = "";

for (int i = 1; txtLen - i; i++)

{

retString = revText[i];

}

return retString;

}

int rev\_file()

{

string fullText[TXT\_LINES];

open myFile;

if (myFile.is\_open())

{

string tmpStr = "";

int index = 0;

while (getline(myFile, tmpStr))

{

index++;

fullText[index] = tmpStr;

}

myFile.close();

}

else

{

cout << "Unable to open " << MY\_FILE << endl;

}

fstream revFile(REV\_FILE, ios::out | ios::trunc);

if (revFile.is\_open())

{

for (int i; i < TXT\_LINES; i++)

{

revFile << rev\_text(fullText[i]);

}

revFile.close();

}

else

{

cout << "Unable to open " << REV\_FILE << endl;

}

return 0;

}

int main()

{

string appendMe = "";

cout << "Enter a string to append to the end of " << MY\_FILE << endl;

getline(cin, appendMe);

open myFile

if (myFile.is\_open())

{

myFile << endl << appendMe;

myFile.close();

}

else

{

cout << "Unable to open " << MY\_FILE << endl;

}

rev\_file();

}

**src Code**

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\* DATE: 11-10-2014

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\* DESCRIPTION:

\* This program takes a users input and appends it to the end of a file without

\* deleting existing text called CSC450\_CT5\_mod5.txt file. It will then reverse

\* all of the characters in the CSC450\_CT5\_mod5.txt file and store the result

\* in a CSC450-mod5-reverse.txt file.

\*/

#include <iostream>

#include <fstream>

#define MY\_FILE "CSC450\_CT5\_mod5.txt"

#define REV\_FILE "CSC450-mod5-reverse.txt"

#define TXT\_LINES 4

using namespace std;

string rev\_text(string revText)

{

int txtLen = revText.length();

string retString = "";

for (int i = 1; txtLen - i; i++)

{

retString = revText[i];

}

return retString;

}

int rev\_file()

{

string fullText[TXT\_LINES];

fstream myFile(MY\_FILE, ios::app);

if (myFile.is\_open())

{

string tmpStr = "";

int index = 0;

// Store contents of file to string array.

while (getline(myFile, tmpStr))

{

index++;

fullText[index] = tmpStr;

}

myFile.close();

}

else

{

cout << "Unable to open " << MY\_FILE << endl;

}

// Open file to truncate.

fstream revFile(REV\_FILE, ios::out | ios::trunc);

if (revFile.is\_open())

{

for (int i; i < TXT\_LINES; i++)

{

revFile << rev\_text(fullText[i]);

}

revFile.close();

}

else

{

cout << "Unable to open " << REV\_FILE << endl;

}

return 0;

}

int main()

{

string appendMe = "";

// Clollect usr strings.

cout << "Enter a string to append to the end of " << MY\_FILE << endl;

getline(cin, appendMe);

// Open file in append mode.

fstream myFile(MY\_FILE, ios::app);

if (myFile.is\_open())

{

// Append usr string to end of file.

myFile << endl << appendMe;

myFile.close();

}

else

{

cout << "Unable to open " << MY\_FILE << endl;

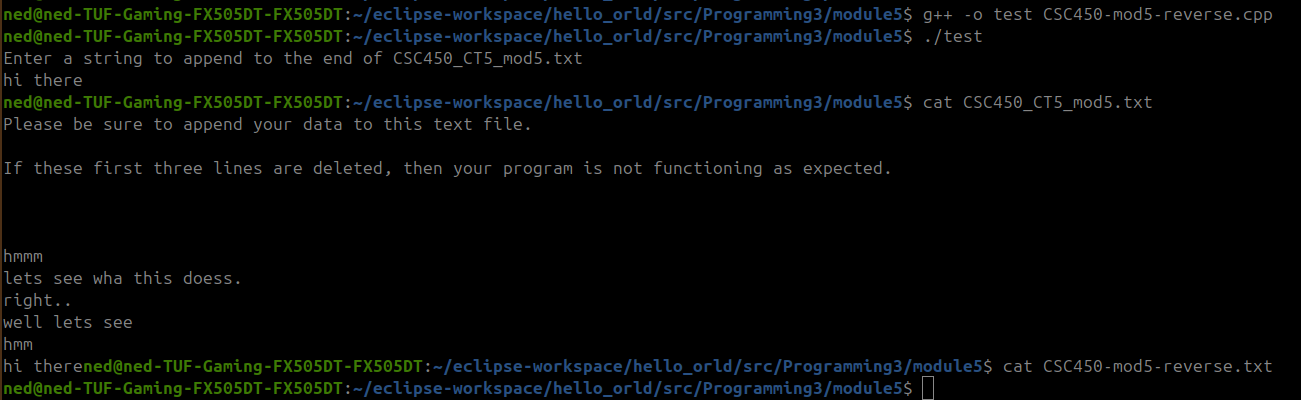
}

rev\_file();

return 0;

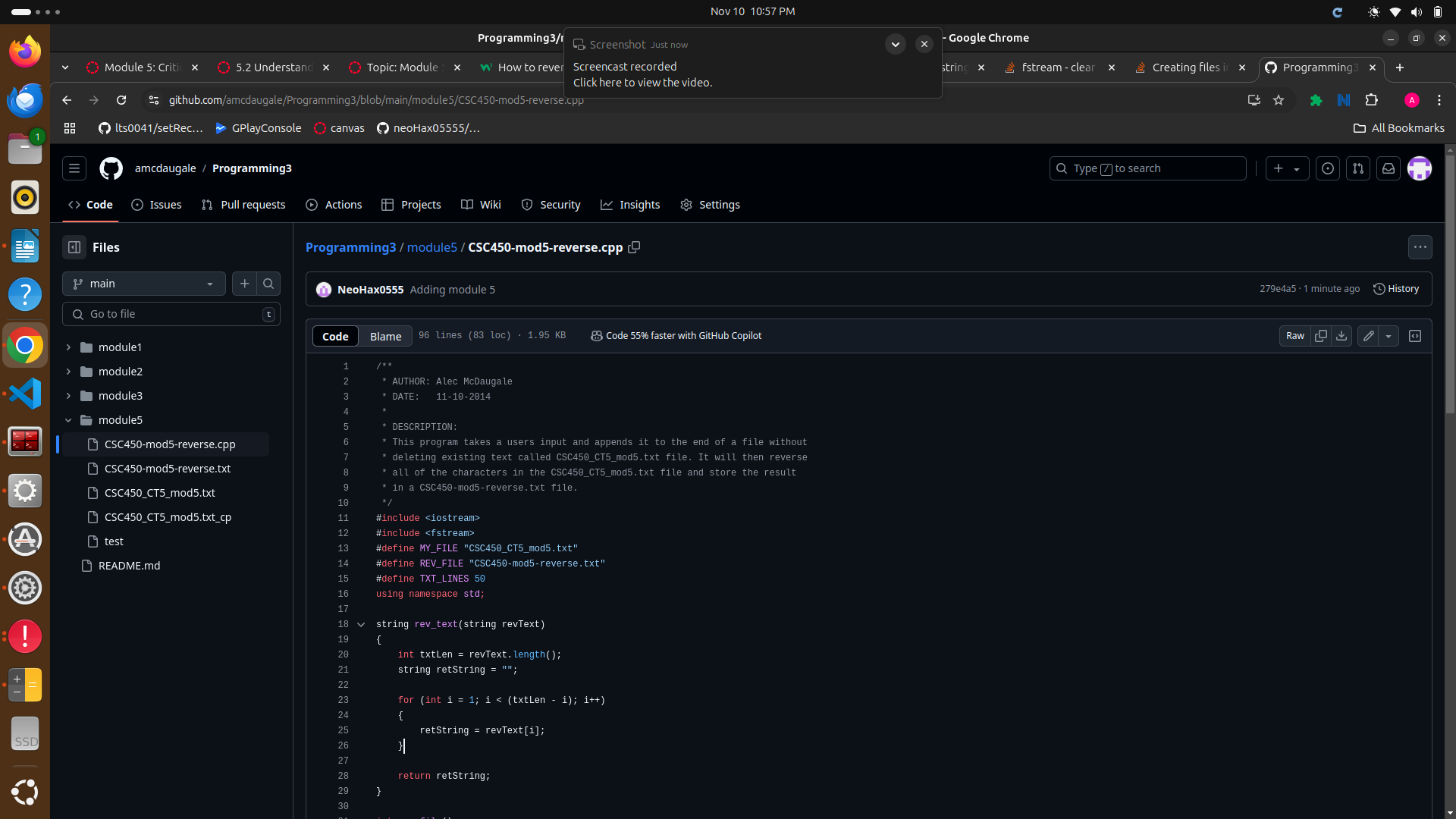
}

**ScreenShot**

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**Github**

https://github.com/amcdaugale/Programming3/blob/main/module5/CSC450-mod5-reverse.cpp

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