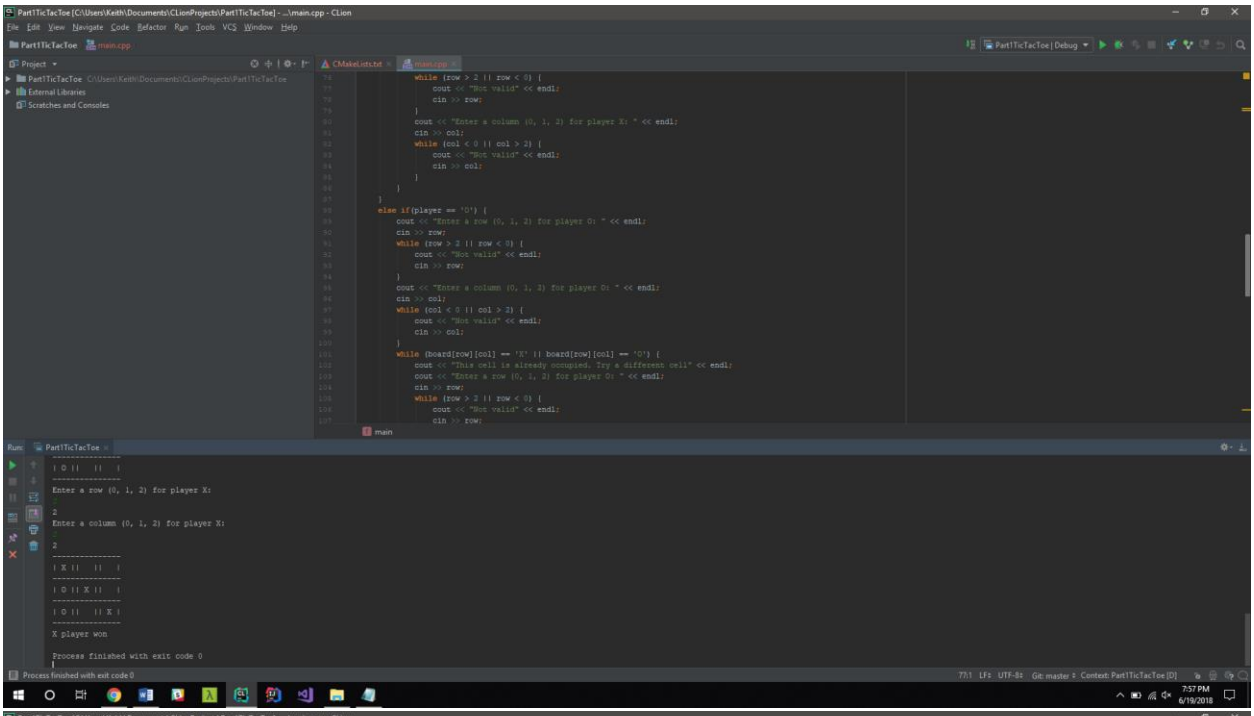
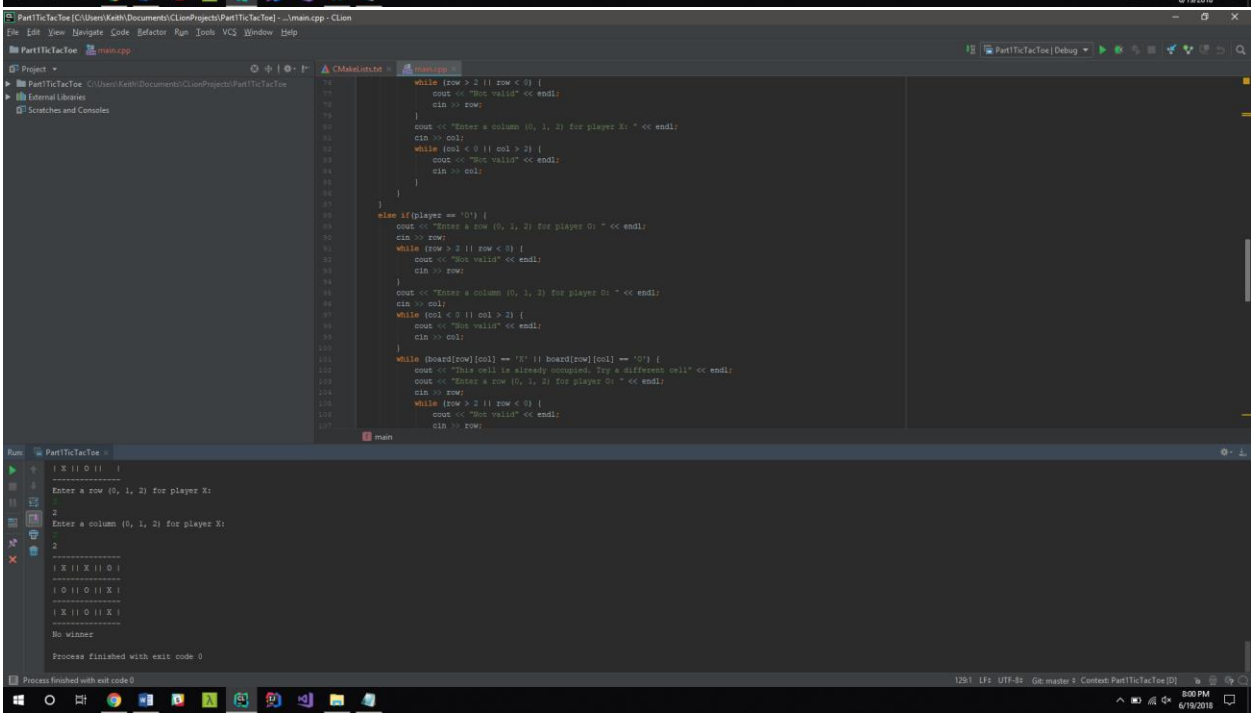
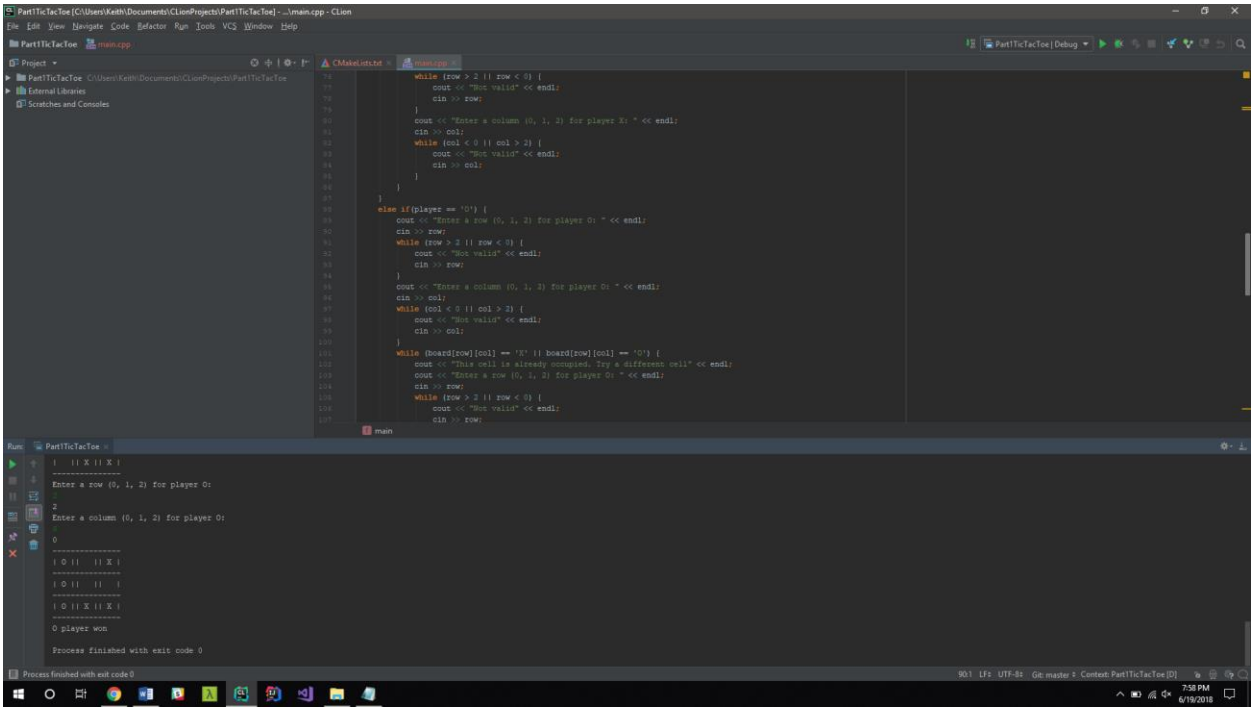
- Course: CSC340.01
- Student: <Keith> <Rich>
- Teammate: <George> <Last Name>
- Assignment Number: 01
- Assignment Due Date & Time: 07-02-2018 at 11:59 PM

- PART 1: Tic Tac Toe

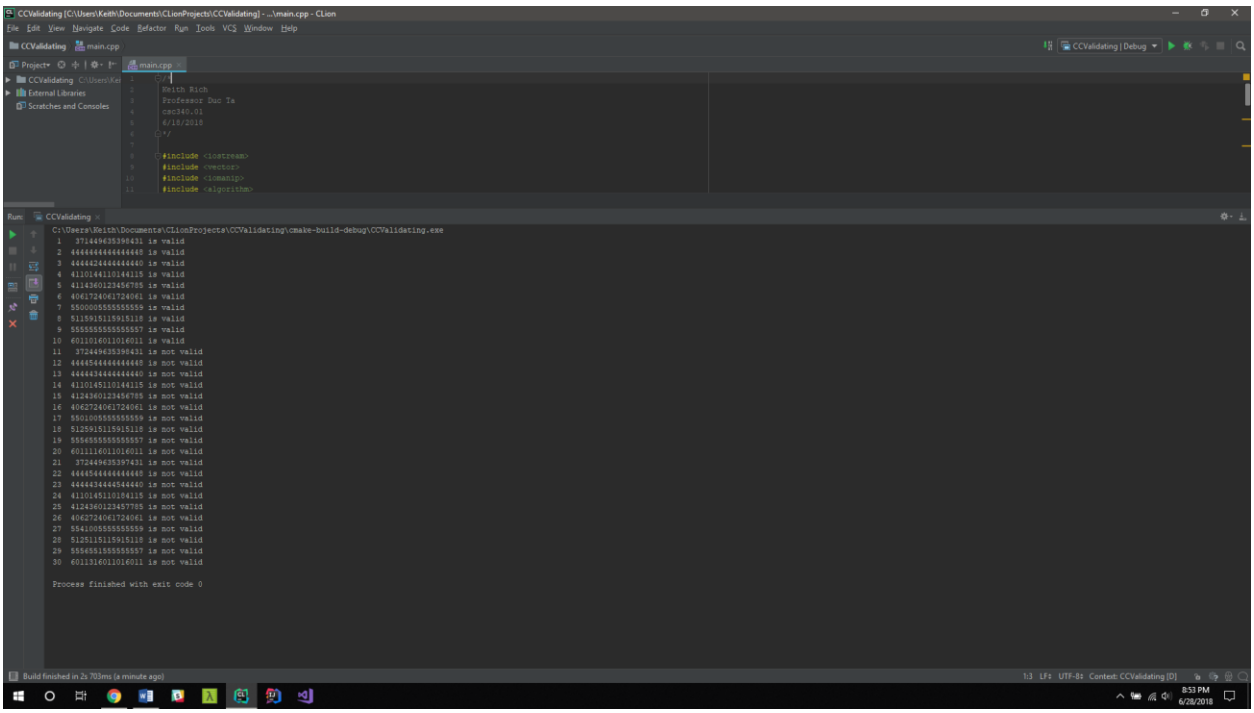
Provided was the header and main. We had to implement makeMove, isWin, isDraw, and displayBoard.



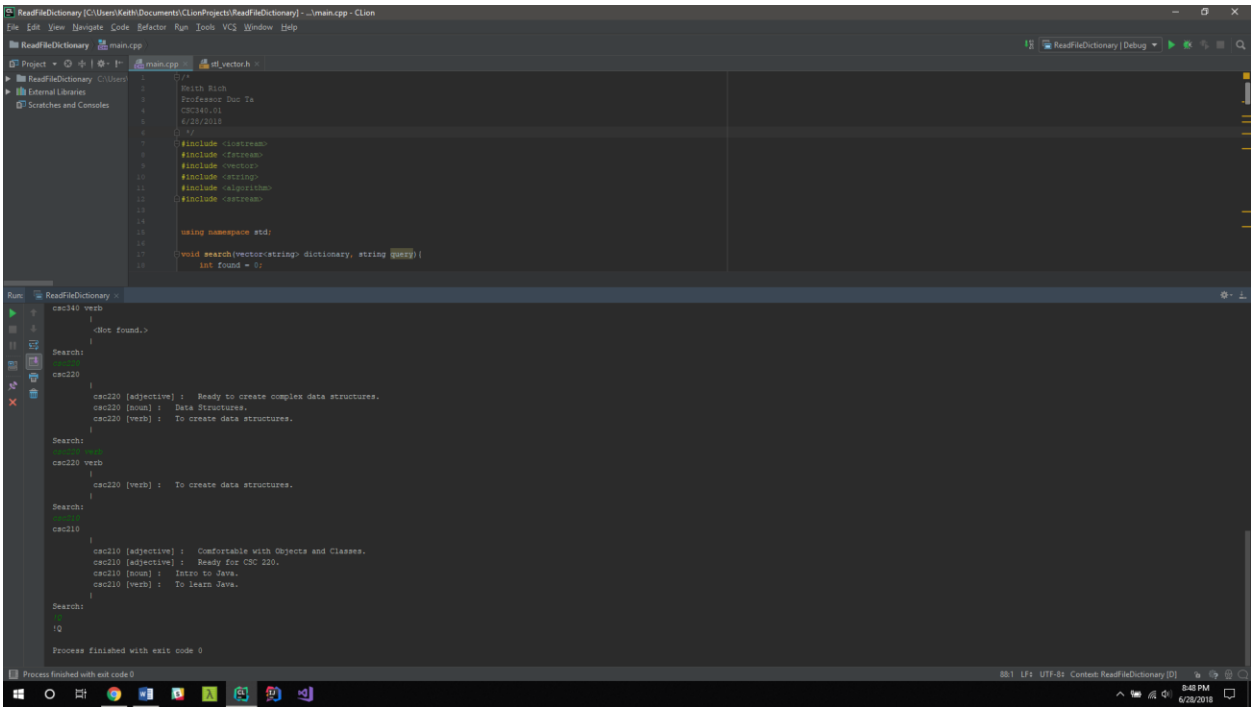


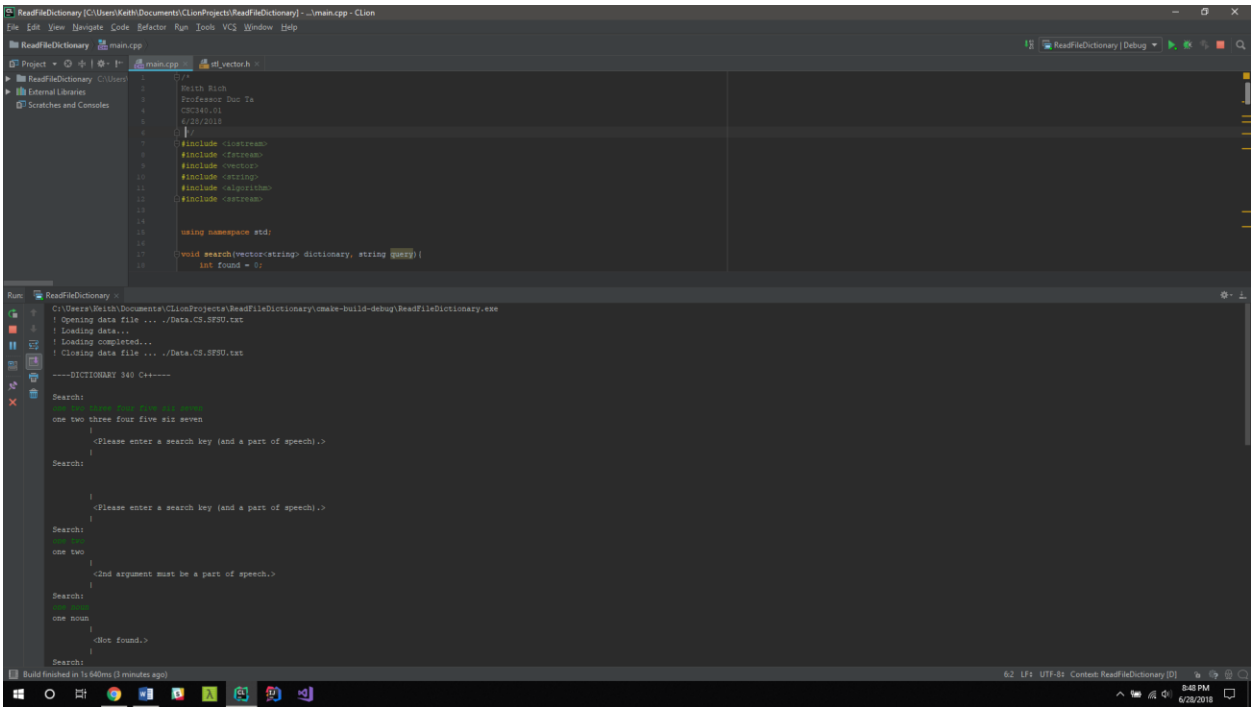


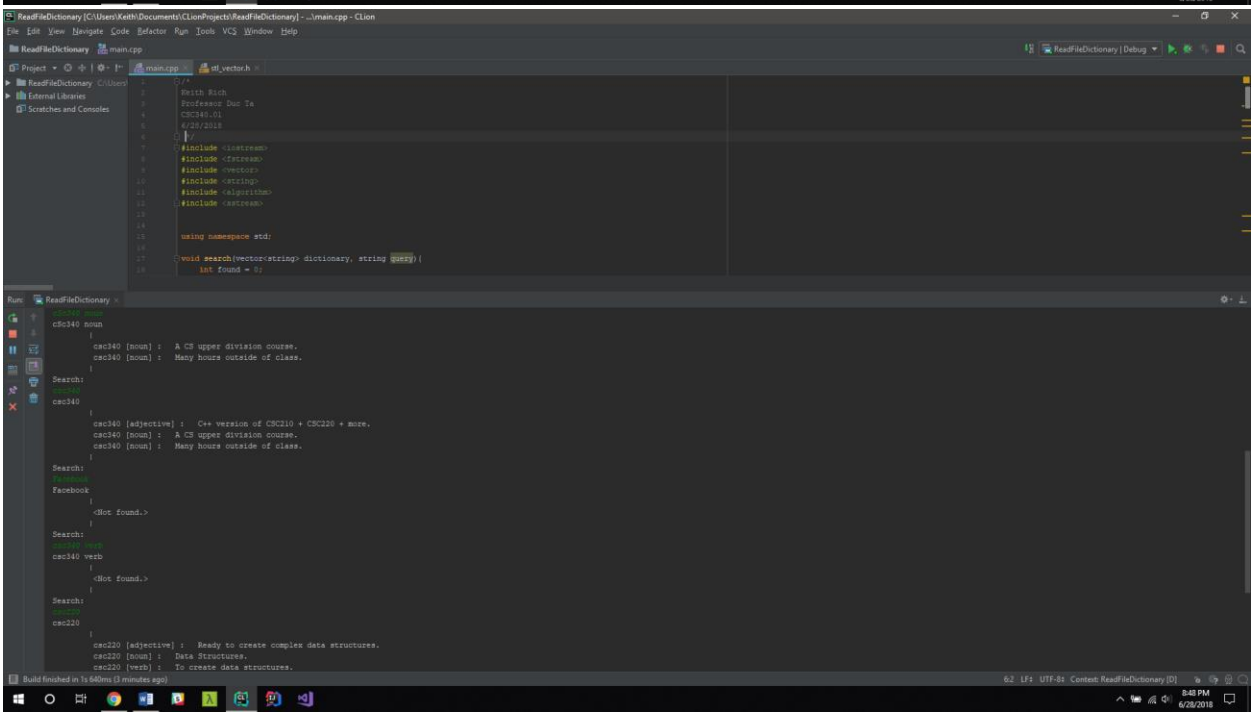
-Part2



-Part3


ReadFileDictionary [C:\Users\Keith\Documents\CLionProjects\ReadFileDictionary] - ...\main.cpp - CLion
File Edit View Navigate Code Refactor Run Tools VCS Window Help
ReadFileDictionary | Debug
main.cpp
stl_vector.h
/*
Keith Rich
Professor Duc Ta
CSC340.01
6/28/2018
*/
#include <iostream>
#include <fstream>
#include <vector>
#include <string>
#include <algorithm>
#include <sstream>
using namespace std;
void search(vector<string> dictionary, string query){
int found = 0;
Run: ReadFileDictionary
csc340 verb
|
<Not found.>
|
Search:
csc220
|
csc220 [adjective] : Ready to create complex data structures.
csc220 [noun] : Data Structures.
csc220 [verb] : To create data structures.
|
Search:
csc220 verb
csc220 verb
|
csc220 [verb] : To create data structures.
|
Search:
csc210
csc210
|
csc210 [adjective] : Comfortable with Objects and Classes.
csc210 [adjective] : Ready for CSC 220.
csc210 [noun] : Intro to Java.
csc210 [verb] : To learn Java.
|
Search:
!Q
Process finished with exit code 0
Process finished with exit code 0
8:48 PM
6/28/2018





4. In at least half a page, please explain clearly:

a. Your approach in implementing your program.

Most of my time went to trying to make sure that everything was formatted in identical way. I know I needed a search function algo as well as a function that formatted the given text file. The next challenge came from taking using input and making sure it catches the correct values. There was also the challenge of having to display more than one definition with only a single word.

b. Which data structures did you use?

I used a vector for the entire thing. One vector to store the lines of text from the original file. Another vector to format that vector. And lastly another vector that had the user input.

c. What did you use the data structures for?

I used the user input vector to know if I had the correct amount of words required and could display the correct definition(s). I used a formatted vector to store the items and their corresponding definitions be. This is because it is easy to iterate though a formatted vector and cross check their values.

d. Why these data structures but not the others?

I am most familiar with vectors and how to iterate though them.