

## CSE1322L Assignment 6 - Fall 2024

### Introduction:

In the United States, when two individuals or companies have a civil dispute, they may bring that dispute before a court of law. Due to the history of the United States, federal courts are not necessarily above state courts when it comes to hearing lawsuits, as their names would imply. Instead, federal courts are used to hearing lawsuits which involve citizens from two different states, or when the matter being heard involves federal law.

As such, federal courts are very limited in what cases they can actually hear; the states reserve the right to hear any case which happen in their territories, or which involve their citizens, and only through select exceptions may citizens request that their case be heard at a federal court. Cases which do not fall under those exceptions must either be dismissed or remanded (read: sent back to the state court where they were originally filed).

The full set of requirements for a case to be heard by a federal court are fairly complex and, therefore, beyond the scope of this assignment. Nevertheless, we will simulate a program which determines if a list of cases being brought before a federal court can be heard at said court. The cases will be read in bulk from an external file, and all cases in this assignment were originally filed at a state court (and, as such, can either be accepted or remanded, but not dismissed). Specifically, we will be implementing simplified versions of 28 U.S.C. 1331, 28 U.S.C. 1332(a), 28 U.S.C. and 1441(b)(2).

**This assignment makes use of file reading and writing. Your submission does not need to worry about valid paths (either relative or absolute), but the names of the files being read**

- Complaint contains an overloaded constructor which accepts 4 strings and 1 double,



Processing complete. Accepted cases written to accepted.txt and remanded cases written to remanded.txt

Number of remanded cases: 83

Number of accepted cases: 117

Shutting down...

## Submitting your answer:

Please follow the posted submission guidelines here:

<https://ccse.kennesaw.edu/fye/submissionguidelines.php>

Ensure you submit before the deadline listed on the lab schedule for CSE1322L here:

<https://ccse.kennesaw.edu/fye/courseschedules.php>