

Lab # 8

Section _____ Date _____

Student ID _____ Name _____

Experimenting with actual Hash table in Java library (very easy)

In this lab, we provide you three data files, Thailand.csv, Italy.csv, and US.csv. All of them are in CSV format. The data contain date and number of reported cases separated by a comma. You must edit two methods (the constructor and find methods) in the CovidData.java file.

1. Constructor must read each line from the input file whose filename will be sent as a parameter when a user instantiates this object. Then, it must store the date from each line as a key and store the number of confirmed cases as the value of such key.
2. The find method must return the number of confirmed cases in the case that the input date can be found and return -1 if the input date does not exist in the keys. Hint: You can use the `containsKey` to check the existence of date in the keys.

How to submit:

Submit a jar file of your project (the jar file must include java files from all given classes) to Courseville (package all files together and name it **YourID_Lab08** where YourID is your student ID).