Software Construction

Lab-6

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Class – SE-5B

# Introduction:

In this lab we will load data from a csv file into an object and then to a database and perform functions on it.

# Approach:

To read data from csv file the following code was used.

String fileName = "C:\\Users\\hp\\Desktop\\GeoLiteCity-Location.csv";

File file = new File(fileName); // TODO: read about File Names

Scanner inputStream = new Scanner(file);

while (inputStream.hasNext()){

String data = inputStream.next();

System.out.println(data);

inputStream.close();

While theres data in file,the code reads data from input stream and prints the data. (from tables)

To store the data to DB using hibernate we connect to the database and load the csv data that was read into the database.

For search we create an interface that runs sql query in the background to search the city names. (Return row from the database

On whole some other sharp details could have been added to this, but my system covers almost all the basic requirements mentioned in the manual.

# Link to GitHub repository: - https://github.com/ibrahimusmani/Lab6