

Design ideas:

- Table class (public class Table extends HashMap)
 - Map
 - Keys are the column names → string type
 - Values are an arraylist which contains the values within the column → generic type
 - String[] columnnames
 - This is based on what the user input when they originally created the table
 - Constructor
 - Takes no input but creates a HashMap with keys taken from the user's input → put(user input, empty array)
 - What should we do in the as case?
 - When using as keep an array that tracks what columns they want and then call the keys to get the arrays and create a new HashMap
 - Insert values
 - We have an array that contains the order that the user input the column names
 - We iterate through that using put(columnnames[i], userInput[i]) to update the Table
 - Throw an error if they put too many values or not enough (check length)
 - Store
 - Drop
 - Load
 - CSV file in which the first line is the column names
 - Creating a new table based on the information you stored
 - Print
 - Print out all the keys
 - For loop where i increments through every array in the map at an index and prints all of the array[i] on the same line
 - Select (join)
- Column class (generic and contains arraylist)
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Use FileWriter and FileReader for input/load

Parse(String input) -> parses cmd line input, calls some method