

Take Home Assignment – Beer Production

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Overview of this assignment.

Write your programming code that reads the input CSV file, updates the extracted data, and write the updated data into the CSV file format as an output, using CsvHelper (<https://joshclose.github.io/CsvHelper/>).

Coding tools & platform

Language: C# only. (Other languages are not allowed. Please don't ask us about this.)

IDE: Visual Studio

Project template: Console App

Detailed Instructions

Use the feature of CSVHelper for file operations and other implementations **whenever possible**.

Input:

Use another attached CSV file (Input_v1.0.csv) as an input file.

When you read the input file, use [Attributes](#) to map.

Output:

Output in CSV format with UTF8 BOM.

Order	Header	Content Format	Data Content
1	Grain	String	The data comes from “grain” in the input file.
2	Date	yyyy/mm/dd (e.g., 2022/09/01)	The data comes from “DATE” in the input file.
3	Manager	String Enclose strings in double-quotation marks. (Exclude the header of this column from being enclosed by double-quotations)	The data comes from “FactoryManagerName” in the input file.
4	BeerProduction	Round numbers (including integers) to two decimal places and display them up to two decimal places. (e.g., 253.50, 67.94)	The data comes from “BeerProduction” in the input file.
5	YearMean	The same as “BeerProduction”.	Average of beer production for the year
6	YearMedian	The same as “BeerProduction”.	Median of beer production for the year
7	IsBeerProductionGreaterThanYearMean	String (“yes” or “no”) Enclose strings in double-quotation marks. (Exclude the header of this column from being enclosed by double-quotations)	If “BeerProduction” is greater than “YearMean”, “yes”, if not, “no”.

Submission to us:

- Send 2 files to hr@andaze.com.
 - Program.cs (Gather all your code in 1 file)

- The output CSV file (name it as “Output.csv”)