1. How will you tackle the challenge above?

First, I will write a program to take CSV files as input and then take out the values according to

The column, then I will store those values in a data structure.

After I will iterate throw the data structure and according to the operations like if the operation contains

“+” I will add, if “-” I will subtract and store to another data structure and at last I will write a program to create another CSV file with value and will return it.

1. What type of errors you would you check for?

If any formula is formatted correctly or not. Example: - maybe wrong parenthesis or wrong use of an operator.

If the used value of a column is present or not, if a value is using another operations value, then that value is derived or not.

Is any nullable cell present or not?

1. How might a user break your code?

Maybe my code did not accept large operation values since I have a demo of a small CSV file.

Someone may give a different file. If a large number of cells are used by each other or referred to by each other it may bring an Infinite loop.

Maybe My used data structure is not an efficient data structure for a CSV file containing large data.