

1. To tackle this challenge, we can write a program that reads the CSV file line by line using the `BufferedReader` class, parses each line into separate cells using the `split` method, and then evaluates the cell contents as either a value or a formula. If the cell contains a value, we return it as is. If it contains a formula, we evaluate the formula and return its result. Finally, we write the results to a new CSV file using the `PrintWriter` class.
2. The types of errors we would check for include:
 - a. Incorrect input file format
 - b. Incorrect formula format
 - c. Incorrect cell references
 - d. Division by zero
 - e. Number format exception
 - f. A user may break the code by:
3. A user may break the code by:
 - a. Providing an incorrect input file path
 - b. Providing a file that is not a CSV file
 - c. Providing a file that is not formatted correctly
 - d. Providing a formula with incorrect syntax
 - e. Providing a cell reference that does not exist