Linter

A new programming language called TwoThirtyTwo was just created. An IDE extension is being developed to help programmers quickly see if their code has any errors without compiling. Your task is to make a linter that determines whether code is valid or not for that extension.

Rules of the language:

1. Every line needs to start with an `s` . - Note that a line may have whitespaces prior to the S on that line.

2. Every line needs to end with a `;` or a `{` , `}` , `(` , `)` .

3. All curly brackets and parenthesis must be opened and closed properly.

4. Completely empty lines are valid.

Hint: Use counter variables and increase them by one for open parenthesis or curly brackets and decrease it for closed parenthesis or curly brackets.