

二• {} > ChatGPT 5.2 Thinking ▾

↑ ...

grammar.txt
Document

prog1.txt
Document

I have attached a program written in my miniDSL language and the language written in grammar format. Optimize the program

Thought for 30s >

Here's an optimized rewrite **that still conforms to your grammar** (notably: LOAD / SAVE require an ID, so we can't pass a STRING literal directly). grammar

Original program prog1

minidsl

Copy code

```
in_file = "data.csv"
LOAD in_file
SPLIT BY ","
JOIN WITH ";"
out_file = "converted_data.txt"
SAVE out_file
```

Optimized program (reuse one variable, same behavior)

minidsl

Copy code

```
file = "data.csv"
LOAD file
SPLIT BY ","
JOIN WITH ";"
file = "converted_data.txt"
SAVE file
```

What this improves:

- Eliminates one temporary variable (`in_file` / `out_file` → just `file`), reducing interpreter state and name lookups.
- Keeps exactly the same execution order/semantics (load → split → join → save), so output is unchanged.

[Sources](#)