Basic C programming Question for compiler
1. Character Counter
Question: Write a C program to analyse a given C code snippet and recognise different tokens, including keyword, identifier and operator, delimiter and special characters.
Output:

```
  __     ____   _    _
 |  |   |  __|| |   | | |
 |  |   | |__   \ \/ /
 |  |   |  __|  |   |
 |  |_  | |__   / /\ \
 |____||____|||_|  |_|


Symbol Table
1 -> Keyword
2 -> Special Symbols
6 -> Identifier
7 -> Number
8 -> Operator
Delimitters are omitted


Line 1
~> 123
Line 2
~> LINES hhvs-MacBook-Air:Exp2 hhv$
```