```
program → (metas | object) EOF
metas → (comment | comment)*
comment → commentBlock | commentLine
commentBlock → "{-" (commentBlock | !"-}" .)* "-}"
commentLine → "--" !operatorChar (!EOL .)*
object → "{" (objectMember ("," objectMember)*)? "}"
objectMember → (bareKey | stringLit) ":" value
bareKey → [a-zA-Z_] [a-zA-Z0-9_-]*
value → stringLit | numberLit | "true" | "false" | "null" | object | array
stringLit → '"' (!'"' (escapeSeq | .))* '"'
escapeSeq → "\" ("u" hexDigit hexDigit hexDigit hexDigit | [nrtbf"\/])
numberLit → "-"? ("0" | [1-9] [0-9]*) ("." [0-9]+)? (("e" | "E") ("+" | "-")? [0-9]+)?
array → "[" (value ("," value)*)? "]"
hexDigit → [0-9a-fA-F]
emptyArray → "[" "]"
lineComment → "--" (!EOL .)*
blockComment → "{-" (!"-}" .)* "-}"
operatorChar → [!#$%&*+./<=>?@\^|~-]
EOL → "\r\n" | "\n" | "\r"
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objectMember → (bareKey | stringLit | int | float | hex
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stringLit → '"' (!'"' [^\n\r\u] | "\" ["\/bfnrt])* '"'
int → "-"? ("0" | [1-9] [0-9]*)
float → "-"? ("0" | [1-9] [0-9]*) "." [0-9]+ (("e" | "E") ("+" | "-")? [0-9]+)?
hex → "0x" [0-9a-fA-F]+
name → [a-z] [^\u1f7d][!\t\n\r\u3733]*
text → "|" (!EOL .)* (EOL "|" (!EOL .)*)*
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