

Phase1 Output Format

- **Syntactically Correct Program**

Use indentation (2 spaces) to represent tree level

Phase1 Output Format

- **Syntactically Correct Program**

For nonterminals, print“NAME (Lineno)”

Specifier (2)

(If the nonterminal involves multiple lines, print the number of the first line)

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- **Syntactically Correct Program**

For INT/FLOAT/CHAR terminals, print “NAME: attribute”

INT: 1

(For a hex-int, output its decimal form; For a hex-char, output its hex-form)

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- **Syntactically Correct Program**

For ID terminals, print “ID: identifier”

ID: my_struct

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- **Syntactically Correct Program**

For TYPE terminals, print“TYPE: type”

TYPE: int

Phase1 Output Format

- **Syntactically Correct Program**

For other terminals, print“NAME”

SEMI

Phase1 Output Format

- **Lexical Error**

Print the error type, with a meaningful message

Error type A at Line #: (msg)

(We will only check the type and lineno)

Phase1 Output Format

- **Syntax Error**

Print the error type, with a meaningful message

Error type B at Line #: (msg)

(We will only check the type)