c\_subset

(1)Identifier

|  |  |
| --- | --- |
| ID | Starts with an alphabet, followed by any number of alphabets, numbers, or \_ |

(2)Data type:

int

(3) Comment:(skip)

|  |  |
| --- | --- |
| single line comment | Starts with //, ends with \n |
| multiple line comment | Starts with /\*, ends with \*/ |

(4) Operators

* 比較運算: < > <= >= != ==
* 算術運算子: + - \* /
* 賦值 =

(5) Punctuations

, : ; ( ) [ ] { }

(6) Statements

* Support if-then, if-then-else , for-loop, while-loop (nested)
* Support basic arithmetic operations (serial addition, subtraction, multiplication ,division).
* Support comparison between two basic arithmetic operations.
* Support local variable declarations .
* printf () and can take any numbers of arguments, and take “...”as literal.