



1 .

1.

(life cycle)

2.

?

< C

>

1



1.

1.1

(                      ) n                      가                      .  
->                      (                      )

(                      )

n                      가                      .

가                      ,

- 1.
- 2.
- 3.

가

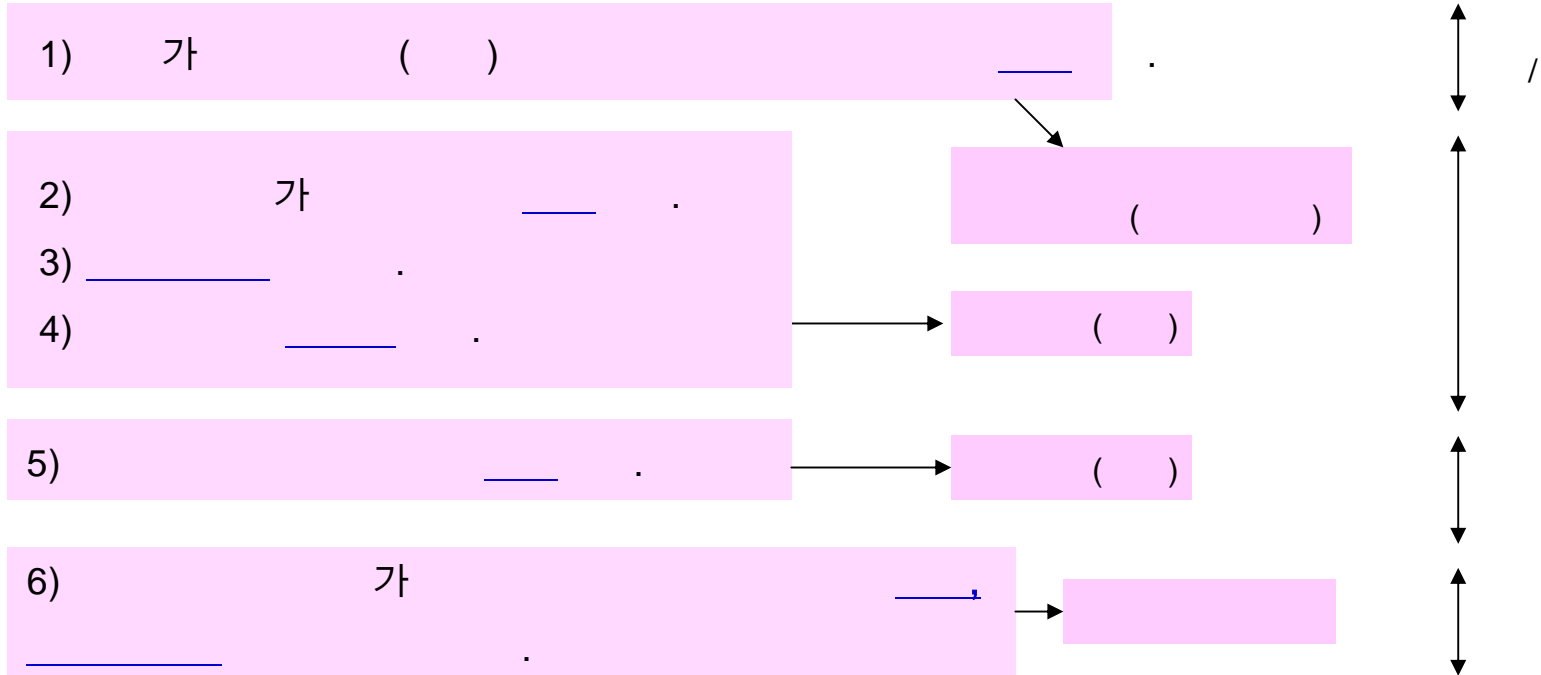
가                      .

< C                      >



# 1.1

(                    ) n                    가                    .  
->                    (                    )





## 1.1

( )

1.

2. -

3. : .

```
                                C .  
  
#include <stdio.h>  
int main()  
{  
    int big, x;  
    big =0;  
    while(!feof(stdin))  
    {  
        scanf("%d", &x);  
        if(x>big) big=x;  
    }  
    printf("the big is : %d  n ", big);  
}
```

< C >



## 1.1

( ) -

4. : . . . . .

5. : ( ) , 가 .

6. : . 가 가 .



## 1.1

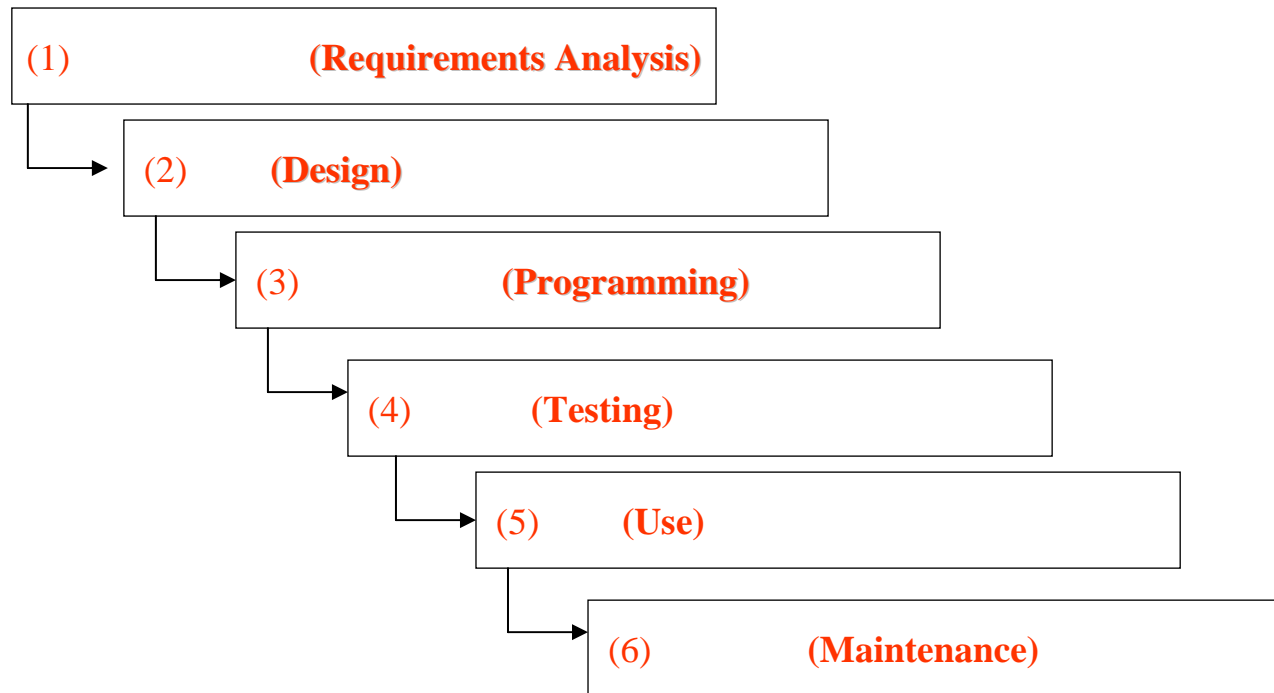
( )

1. 가  
( 가 ). 가 .-  
?
2. 가 `max.exe` 가 `max.c` 가  
?  
?
3. 가 ?  
?
4. 가 가 ? 가 ?  
가 ?



## 1.2

## (System Life Cycle)





## 1.2

## (System Life Cycle)

( )

(1) **(Requirements)**

- 가 , ( , , ) .

(2) **(Design)**

- , 가 .

(3) **(Programming)**

- .

(4) **(Testing)**

- .

(5) **(Use)**

- 가 .

(6) **(Maintenance)**

- 가 , 3. (upgrade) 1. (bug) , 2. .





### 1.3.

(1) (Requirements Analysis)

-

(2) (Design)

-

(3) (Coding)

-

- 가

- 가

- 가 ( )

-

-

(4) (Test)

-

-

(5) (Use)

(6) (Maintenance)

-

-

가 .



2.

2.1

\*

+ (3) . “ ” . “

\*

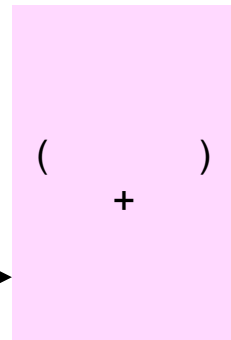
= + .

\*

C, Java .

\*

, , 가 .



< C

>



## 2.2 ( ) ?

가?

가?

?

1. 가  
( ),  
( )
2. ( )  
,  
,
3. ( )

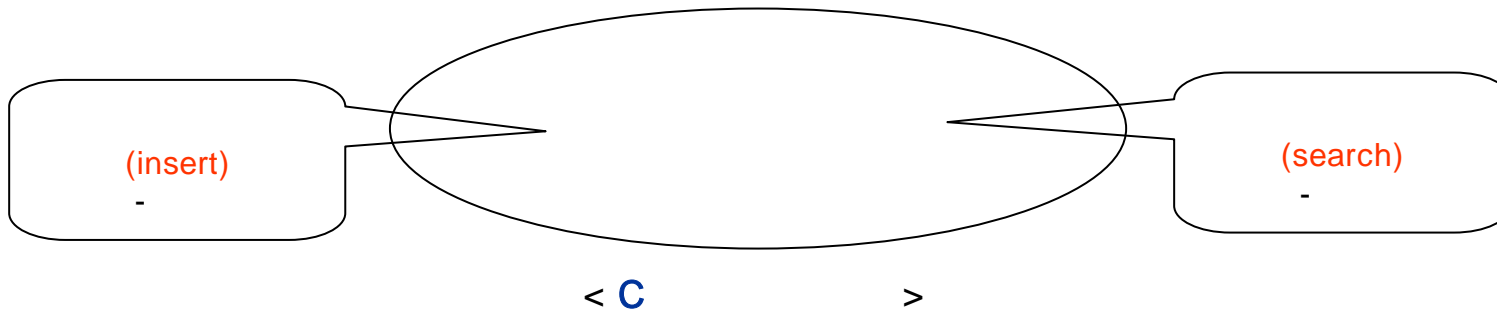




## 2.3

( )  
 1 1 . “ ” 가 .  
 1 1 .  
 ( 1)  
 8,000 가 . 300 가  
 가 .

1		
	1	
	.	.



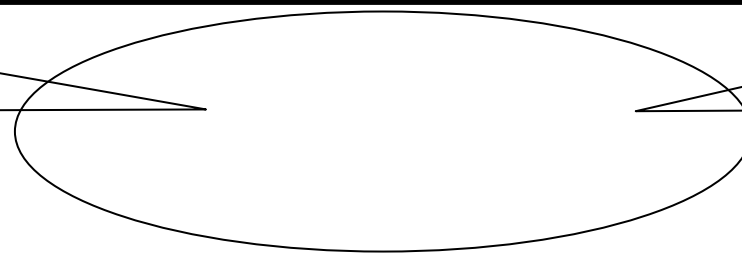


### 2.3

( 2) 가 14  
·  
·  
1,000 가 300 1,000 가 · 14 가 ·  
가

2		
	가 1 14	·
	14 ·	·

(insert)  
·



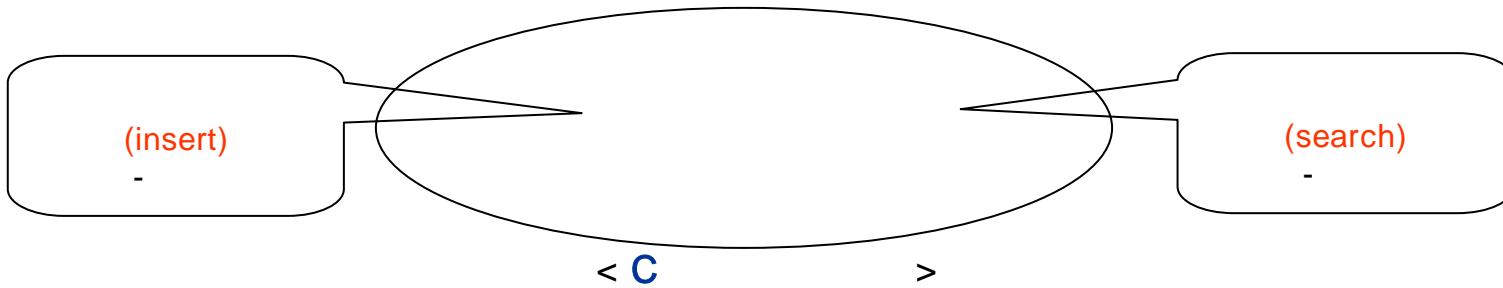
(search)  
·



## 2.3

( 3) 가 가 24  
 . 가 . 10  
 가 가 . 가 가  
 가 가 1  
 .

3		
	가 14 1	.
	가	.
	14	.
	가 . 가	.





## 2.3

( )

가 .

( )

( )

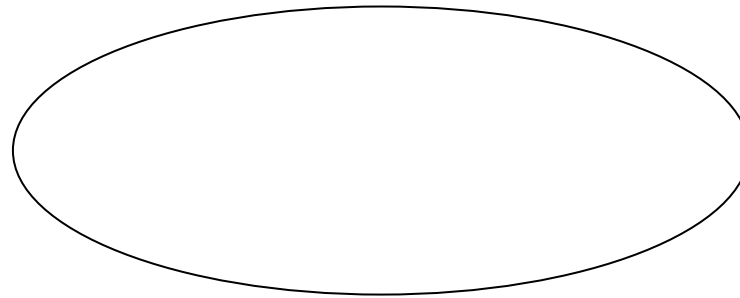
( )

가

( , (search) (insert) )

가 ,

가 .



< C >



2.4

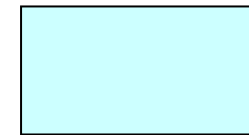
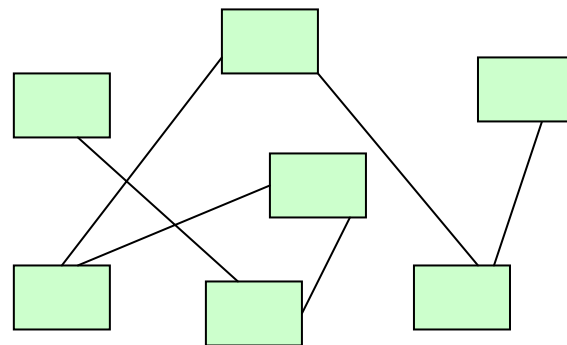
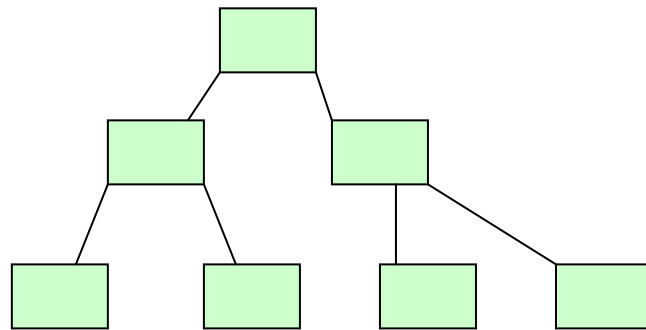
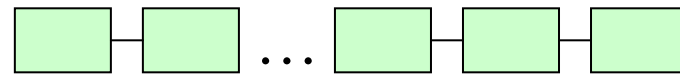
- 1)
- 2)
- 3)





## 2.4

( : [ ] )

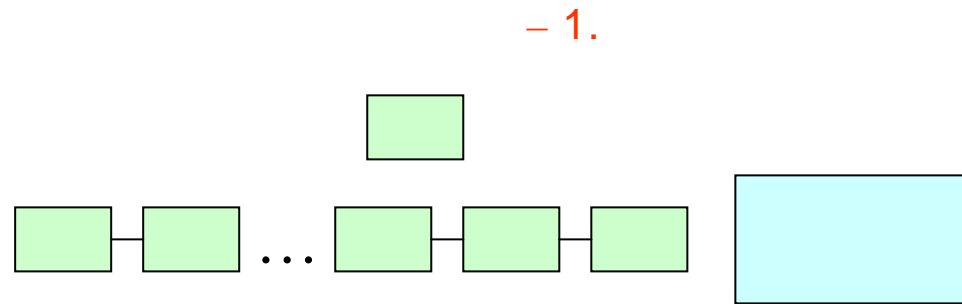


< C

>



## 2.4

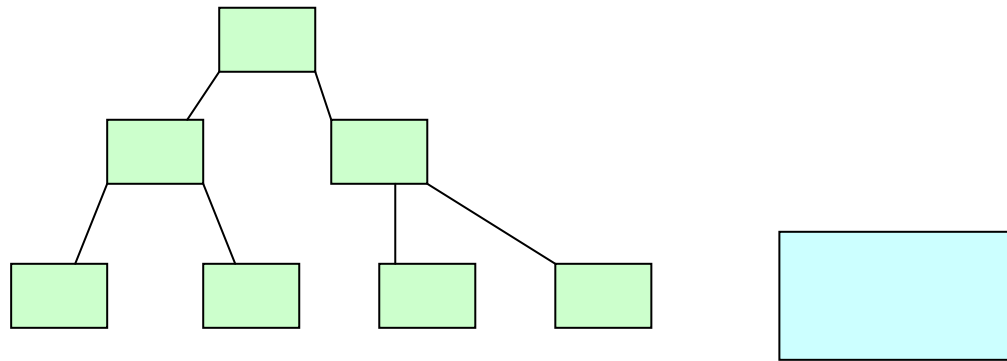


1. ( )
2. ( , )
3. ( 가 )
4. ( , 가 )
- 5.



## 2.4

-2.

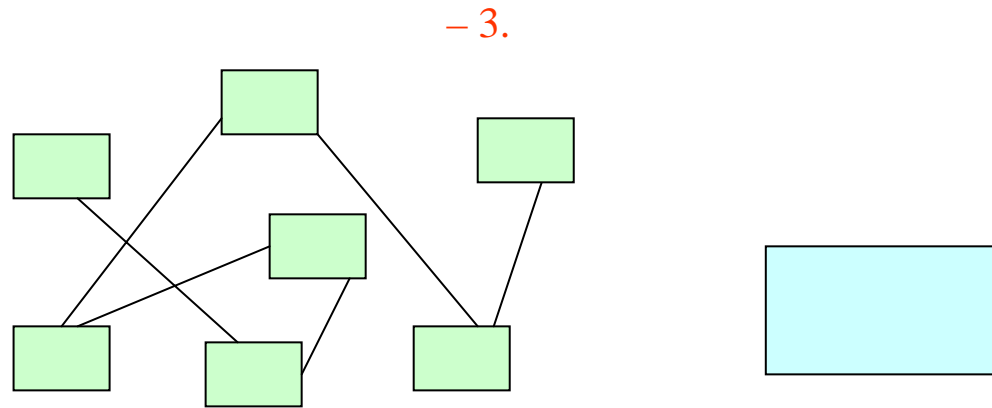


- 1.
2. ( 가2 )
3. (Traversal)
- 4.

< C >



## 2.4



1.

2.

3.

(Traversal)

,

4.

,

.

< C

>

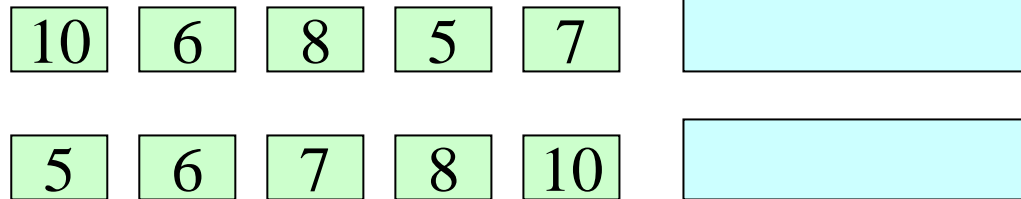


## 2.4

3.

- (sorting)

가 가



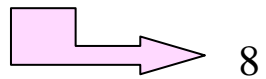
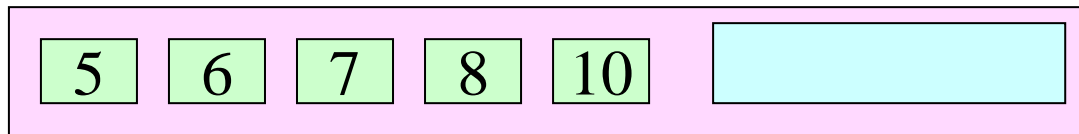


## 2.4

- (searching)

.  
가 가 .

:  
:  
가  
½ 가



< C >