



%rip now stores the address of line L1

2.

```

2.1. if (head->id > node->id) {
    return NULL;
}

ret = head;
while (ret != NULL) {
    if (ret->next == NULL) {
        break;
    }
    if (ret->next->id > node->id) {
        break;
    }
    ret = ret->next;
}

```

2.2.

```

if (pos == NULL) {
    node->next = head;
    head = node;
} else {
    node->next = pos->next;
    pos->next = node;
}

```

3.

3.1

i. echo hello

ii. echo hello \$world

iii. echo hello

iv. hello.

v. -bash: syntax error near unexpected token 'echo'

3.2

i. hello world

ii. [No Output]

iii. hello world

3.3

i. a

b

ii. a

b

iii. [1]1127

b

a

3.4.

cat members.txt | grep "^Name:[a-zA-Z']\+\$" | head -n10 | cut -d':' -f2

cat members.txt | grep "^Name:[a-zA-Z']\+\$" | sort -f | head -n10 | cut -d':' -f2 | tee names.txt