



# Merge Intervals

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## References

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 <https://leetcode.com/problems/merge-intervals/>



### 파이썬 알고리즘 인터뷰

2021 세종도서 학술부문 선정작. 현업과 실무에 유용한 주요 알고리즘 이론을 깊숙이 이해하고, 파이썬의 핵심 기능과 문법까지 상세하게 이해할 수 있는 취업용 코딩 테스트를 위한 완벽 가이드다. 200여 개가 넘는...

 <https://www.aladin.co.kr/shop/wproduct.aspx?ItemId=245495826>



## References

- [1. Python Sort: Time Sort Algorithm](#)
- [2. Comma\(,\) Operator](#)

## 1. Python Sort: Time Sort Algorithm

```
class Solution:
    def merge(self, intervals: List[List[int]]) -> List[List[int]]:
        answer = []
        for i in sorted(intervals):
            if answer and answer[-1][1] >= i[0]:
                if answer[-1][1] < i[1]:
                    answer[-1][1] = i[1]
            else:
                answer.append(i)

        return answer
```

## 2. Comma(,) Operator

```
class Solution:
    def merge(self, intervals: List[List[int]]) -> List[List[int]]:
        answer = []
        for i in sorted(intervals):
            if answer and answer[-1][1] >= i[0]:
                if answer[-1][1] < i[1]:
```

```
        answer[-1][1] = i[1]
    else:
        answer += i,

    return answer
```

- `i,` = `[i]`