


회의실 예약

# Index	175261
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References

Softeer

https://softeer.ai/practice/info.do?idx=1&eid=626&sw_prbl_sbms_sn=175261

References

1. Python Dictionary

1. Python Dictionary

```
import sys

n, m = map(int, sys.stdin.readline().split("\n")[0].split(" "))
rooms = []
for _ in range(n):
    rooms.append(sys.stdin.readline().split("\n")[0])
reserved = dict()
for _ in range(m):
    room, start, end = sys.stdin.readline().split("\n")[0].split(" ")
    reserved[room] = reserved.get(room, []) + [(int(start), int(end))]

rooms = sorted(rooms, reverse = True)
while rooms:
    room = rooms.pop()
    print("Room " + room + ":")
    reservation = []
    prev = 9
    if not reserved.get(room, []):
        print("1 available:")
        print("09-18")
        if rooms:
```

```

        print("-----")
        continue
    for start, end in sorted(reserved[room]):
        if prev < start:
            reservation.append((prev, start))
        prev = end
    if end < 18:
        reservation.append((end, 18))
    if not reservation:
        print("Not available")
    else:
        print(str(len(reservation)) + " available:")
        for start, end in reservation:
            print(("0" if len(str(start)) == 1 else "") + str(start) + "-" + str(end))
    if rooms:
        print("-----")

```