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In [1]: def second_lowest_grade(records):

    lowest_grade = float('inf')
    second_lowest_grade = float('inf')
    lowest_grade_students = []
    second_lowest_grade_students = []
    for name, grade in records:
        if grade < lowest_grade:
            second_lowest_grade_students = lowest_grade_students
            lowest_grade = grade
            lowest_grade_students = [name]
        elif grade == lowest_grade:
            lowest_grade_students.append(name)
        elif grade < second_lowest_grade:
            second_lowest_grade = grade
            second_lowest_grade_students = [name]
        elif grade == second_lowest_grade:
            second_lowest_grade_students.append(name)

    second_lowest_grade_students.sort()

    for student in second_lowest_grade_students:
        print(student)
records = [{"chi", 20.0}, {"beta", 50.0}, {"alpha", 50.0}]
second_lowest_grade(records)
```

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alpha
beta
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In [ ]:
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In [10]: def two_sum(nums, target):
    num_indices = {}
    for i, num in enumerate(nums):

        complement = target - num

        if complement in num_indices:
            return [num_indices[complement], i]
        num_indices[num] = i
    return []

nums = [2, 7, 11, 15]
target = 9
print(two_sum(nums, target))
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[0, 1]
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In [ ]:
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