

For example:

Input	Result
2 0fg 6 7 4 Best 7 6 5	0fg 17 Best 18

Answer: (penalty regime: 0 %)

```
1 n = int(input())
2 dict = {}
3 for i in range(n):
4     entry = input().split()
5     key = entry[0]
6     values = list(map(int, entry[1:]))
7     dict[key] = values
8 sum_dict = {}
9 for key, values in dict.items():
10    sum_dict[key] = sum(values)
11 sorted_keys = sorted(sum_dict, key=sum_dict.get)
12 for key in sorted_keys:
13    print(f"{key} {sum_dict[key]}")
14
15
16
```

	Input	Expected	Got	
✓	2 0fg 6 7 4 Best 7 6 5	0fg 17 Best 18	0fg 17 Best 18	✓
✓	2 0fg 6 6 Best 5 5	Best 10 0fg 12	Best 10 0fg 12	✓

Passed all tests! ✓

Correct

Marks for this submission: 1.00/1.00

For example:

Input	Result
4 James 87 89 86 Lalith 89 45 45 Ravi 89 89 89 Sita 79 79 79	89 James Ravi Lalith Lalith

Answer: (penalty regime: 0 %)

```
1 n = int(input())
2 s = {}
3 for i in range(n):
4     data = input().split()
5     name = data[0]
6     t,m,s,m = map(int, data[1:])
7     s[name] = (t,m,s,m)
8 avg_scores = {(name, sum(marks) / 3 for name, marks in s.items())}
9 max_avg_score = max(avg_scores.values())
10 h_avg_students = [name for name, avg in avg_scores.items() if avg == max_avg_score]
11
12 max_s_m = max(s.values(), key=lambda x: x[1])[1]
13 h_s_students = [name for name, marks in s.items() if marks[1] == max_s_m]
14
15 min_s_m = min(s.values(), key=lambda x: x[2])[2]
16 l_lab_students = [name for name, marks in s.items() if marks[2] == min_s_m]
17
18 min_avg_score = min(avg_scores.values())
19 l_avg_students = [name for name, avg in avg_scores.items() if avg == min_avg_score]
20
21 print(" ".join(h_avg_students))
22 print(" ".join(h_s_students))
23 print(" ".join(l_lab_students))
24 print(" ".join(l_avg_students))
```

	Input	Expected	Got	
✓	4 James 87 89 86 Lalith 89 45 45 Ravi 89 89 89 Sita 79 79 79	89 James Ravi Lalith Lalith	89 James Ravi Lalith Lalith	✓
✓	3 Ravi 89 89 89	Shadhana Shadhana	Shadhana Shadhana	✓

GitHub Dashboard

Week8_Coding: Attempt review

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REC-PS

SAMYUKTHA A 2022-BIOMED-B

A Scrabble™ board includes some squares that multiply the value of a letter or the value of an entire word. We will ignore these squares in this exercise.

Sample Input

REC

Sample Output

REC is worth 5 points.

For example:

Input	Result
REC	REC is worth 5 points.

Answer: (penalty regime: 0 %)

```
1 letter_points = {}
2 'A': 1, 'E': 1, 'I': 1, 'L': 1, 'M': 3, 'O': 1, 'R': 1, 'S': 1, 'T': 1, 'U': 1,
3 'D': 2, 'G': 2,
4 'B': 3, 'C': 3, 'W': 3, 'P': 3,
5 'F': 4, 'H': 4, 'V': 4, 'Y': 4,
6 'K': 5,
7 'J': 8, 'X': 8,
8 'Q': 10, 'Z': 10
9 }
10 word = input().upper()
11 score = sum(letter_points.get(letter, 0) for letter in word)
12 print(f"{word} is worth {score} points.")
13
```

	Input	Expected	Got	
✓	GOO	GOO is worth 3 points.	GOO is worth 3 points.	✓
✓	REC	REC is worth 5 points.	REC is worth 5 points.	✓

Passed all tests! ✓

Submit

88°F Mostly cloudy

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GitHub Dashboard

Week8_Coding: Attempt review

Not secure rajalakshmicolleges.org/moodle/mod/quiz/review.php?attempt=17096&cmid=110

REC-PS

SAMYUKTHA A 2022-BIOMED-B

s1 and s2 consist of lowercase English letters and spaces.

s1 and s2 do not have leading or trailing spaces.

All the words in s1 and s2 are separated by a single space.

Note:

Use dictionary to solve the problem

For example:

Input	Result
this apple is sweet	sweet sour
this apple is sour	

Answer: (penalty regime: 0 %)

```
1- def uncommon_from_sentences(s1, s2):
2-     words1 = s1.split()
3-     words2 = s2.split()
4-     word_count = {}
5-     for word in words1:
6-         word_count[word] = word_count.get(word, 0) + 1
7-     for word in words2:
8-         word_count[word] = word_count.get(word, 0) - 1
9-     uncommon_words = [word for word in word_count if word_count[word] != 0]
10-    return uncommon_words
11- s1 = input().strip()
12- s2 = input().strip()
13- result = uncommon_from_sentences(s1, s2)
14- print(" ".join(result))
```

	Input	Expected	Got	
✓	this apple is sweet	sweet sour	sweet sour	✓
✓	this apple is sour			✓
✓	apple apple	banana	banana	✓
	banana			

Passed all tests! ✓

88°F Mostly cloudy

Search

VS Code

File Explorer

Edge

Store

Mail

Calendar

Photos

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Settings

ENG IN

17:47 19-06-2024

Answer: (penalty regime: 0 %)

```
1 n = int(input())
2 vote_count = {}
3 for _ in range(n):
4     candidate = input().strip()
5     vote_count[candidate] = vote_count.get(candidate, 0) + 1
6 max_votes = max(vote_count.values())
7 winners = [candidate for candidate, votes in vote_count.items() if votes == max_votes]
8 print(min(winners))
9
```

	Input	Expected	Got	
✓	10 John John Johny Jante Jante Johny Jack Johny Johny Jackie	Johny	Johny	✓
✓	6 Johny	Johny	Johny	✓