

Ranking Policy:

1. The more problem you solved, the higher rank you will get.

<u>Rank</u>	<u>Name</u>	<u>Solved</u>	<u>Time</u>	<u>A</u>	<u>B</u>	<u>C</u>	<u>Total att/solv</u>
1	team120	3	14	5/4	1/5	3/5	/3
2	team106	3	33	1/11	1/11	1/11	/3
3	team47	3	35	1/11	2/12	1/12	/3
4	team19	3	61	1/16	1/22	2/23	/3
5	team110	3	96	3/14	1/11	2/11	/3

2. For these students who have solved the same number of problems, the more “Time” you use, the lower rank you will get.

<u>Rank</u>	<u>Name</u>	<u>Solved</u>	<u>Time</u>	<u>A</u>	<u>B</u>	<u>C</u>	<u>Total att/solv</u>
1	team120	3	14	5/4	1/5	3/5	/3
2	team106	3	33	1/11	1/11	1/11	/3
3	team47	3	35	1/11	2/12	1/12	/3
4	team19	3	61	1/16	1/22	2/23	/3
5	team110	3	96	3/14	1/11	2/11	/3

Question: How to calculate the “Time”?

Answer:

1. The total “Time” is the summation of the “Time” of each problem.
2. For each problem:
 - a. “Time” = first-solved-time+ incorrect-submission-counts * punishment-time
 - b. **first-solved-time**: the minutes between your first correct submission and the start point of the system
 - c. **incorrect-submission-counts**: the counts of incorrect submissions before the first correct submission
 - d. **punishment-time**: the punishment-time for every incorrect submission

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1	team120	3	14	5/4	1/5	3/5	/3
2	team106	3	33	1/11	1/11	1/11	/3
3	team47	3	35	1/11	2/12	1/12	/3
4	team19	3	61	1/16	1/22	2/23	/3
5	team110	3	96	3/14	1/11	2/11	/3

Total submission accounts = all correct submission counts + all incorrect submission accounts

Example1:

5	team110	3	96	3/14	1/11	2/11	/3
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Punishment-time = 20

$$96 = [14 + (3 - 1) * 20] + [11 + (1 - 1) * 20] + [11 + (2 - 1) * 20]$$

Example2:

1	team120	3	14	5/4	1/5	3/5	/3
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14 = 4 + 5 + 5

Although there are 5 total submission accounts, only the incorrect submissions before the first correct submission are considered to add punishment time.

Example3:

2 558 3/57 14/-- 3/481 /2

558 = 57 + 481 + 1*20

Note: if no correct submission, no punishment for the incorrect submission. But you should remember that no matter how much “Time” you spent, you will get higher rank than others who solved less problem.