

An IT Company interviews candidates using coding challenges and contests. Write a query to print the *contest_id*, *hacker_id*, *name*, and the sums of *total_submissions*, *total_accepted_submissions*, *total_views*, and *total_unique_views* for each contest sorted by *contest_id*. Exclude the contest from the result if all four sums are 0.

Note: A specific contest can be used to screen candidates at more than one college, but each college only holds screening contest.

Input Format

The following tables hold interview data:

Contests: The *contest_id* is the id of the contest, *hacker_id* is the id of the hacker who created the contest, and *name* is the name of the hacker.

Column	Type
contest_id	Integer
hacker_id	Integer
name	String

Colleges: The *college_id* is the id of the college, and *contest_id* is the id of the contest that the company used to screen the candidates.

Column	Type
college_id	Integer
contest_id	Integer

Challenges: The *challenge_id* is the id of the challenge that belongs to one of the contests whose *contest_id* the company forgot, and *college_id* is the id of the college where the challenge was given to candidates.

Column	Type
challenge_id	Integer
college_id	Integer

View Stats: The *challenge_id* is the id of the challenge, *total_views* is the number of times the challenge was viewed by candidates, and *total_unique_views* is the number of times the challenge was viewed by unique candidates.

Column	Type
challenge_id	Integer
total_views	Integer
total_unique_views	Integer

Submission Stats: The *challenge_id* is the id of the challenge, *total_submissions* is the number of submissions for the challenge, and *total_accepted_submission* is the number of submissions that achieved full scores.

Column	Type
challenge_id	Integer
total_submissions	Integer
total_accepted_submissions	Integer

Sample Input

Contests Table:

contest_id	hacker_id	name
66406	17973	Rose
66556	79153	Angela
94828	80275	Frank

Colleges Table:

college_id	contest_id
11219	66406
32473	66556
56685	94828

Challenges Table:

challenge_id	college_id
18765	11219
47127	11219
60292	32473
72974	56685

Views Stats Table:

challenge_id	total_views	total_unique_views
47127	26	19
47127	15	14
18765	43	10
18765	72	13
75516	35	17
60292	11	10
72974	41	15
75516	75	11

Submission Stats Table:

challenge_id	total_submissions	total_accepted_submissions
75516	34	12
47127	27	10
47127	56	18
75516	74	12
75516	83	8
72974	68	24
72974	82	14
47127	28	11

Sample Output

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66406 17973 Rose 111 39 156 56
66556 79153 Angela 0 0 11 10
94828 80275 Frank 150 38 41 15
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Explanation

The contest 66406 is used in the college 11219. In this college 11219, challenges 18765 and 47127 are asked, so from the view and submission stats:

- Sum of total submissions = 27 + 56 + 28 = 111
- Sum of total accepted submissions = 10 + 18 + 11 = 39
- Sum of total views = 43 + 72 + 26 + 15 = 156
- Sum of total unique views = 10 + 13 + 19 + 14 = 56

Similarly, we can find the sums for contests 66556 and 94828.