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1. Weather Analysis

There is a table with daily weather data over the last 6 months of 2020, including the maximum, minimum, and average temperatures.

Write a query that gives *month*, *monthly maximum*, *monthly minimum*, *monthly average* temperatures for the six months.

Note: Round the average to the nearest integer.

▼ Schema

There is 1 table: `temperature_records`.

temperature_records		
Name	Type	Description
record_date	varchar(10)	date of the record
data_type	varchar(3)	type key ('min', 'max' or 'avg')
data_value	int	value

▼ Sample Data Tables

temperature_records		
record_date	data_type	data_value
2020-07-01	max	92
2020-07-01	min	71
2020-07-01	avg	74

SWAROOPNC/Prime-Intuit-Data X HackerRank Question - Weather X

https://www.hackerrank.com/test/gfs8eiej4rq/question

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▼ Sample Data Tables

temperature_records

record_date	data_type	data_value
2020-07-01	max	92
2020-07-01	min	71
2020-07-01	avg	74
2020-07-02	max	90
2020-07-02	min	67
2020-07-02	avg	77
2020-07-03	max	92
2020-07-03	min	72
2020-07-03	avg	82
2020-07-04	max	97
2020-07-04	min	72
2020-07-04	avg	82
2020-07-05	max	93
2020-07-05	min	75
2020-07-05	avg	78
2020-07-06	max	95
2020-07-06	min	76

ALL

1

2

Windows Taskbar icons: File Explorer, Google Chrome, File Manager, Mail, Chat, Task View, File Explorer, File Manager, Mail, Chat, File Manager, File Manager, File Manager.

2020-07-05	avg	78
2020-07-06	max	95
2020-07-06	min	76
2020-07-06	avg	79
2020-07-07	max	95
2020-07-07	min	70
2020-07-07	avg	78
2020-07-08	max	91
2020-07-08	min	73
2020-07-08	avg	77
2020-07-09	max	93
2020-07-09	min	72
2020-07-09	avg	79
2020-07-10	max	92
2020-07-10	min	75
2020-07-10	avg	78
2020-07-11	max	90
2020-07-11	min	75
2020-07-11	avg	78
2020-07-12	max	92
2020-07-12	min	68




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← → C ⌂ https://www.hackerrank.com/test/gfs8eiej4rq/question

7m left	avg	78	
	2020-07-12	max	92
	2020-07-12	min	68
ALL	2020-07-12	avg	76
	2020-07-13	max	92
	2020-07-13	min	69
1	2020-07-13	avg	73
	2020-07-14	max	91
2	2020-07-14	min	68
	2020-07-14	avg	74
	2020-07-15	max	92
	2020-07-15	min	69
	2020-07-15	avg	75
	2020-07-16	max	92
	2020-07-16	min	74
	2020-07-16	avg	76
	2020-07-17	max	88
	2020-07-17	min	74
	2020-07-17	avg	79
	2020-07-18	max	98
	2020-07-18	min	75





SWAROOPNC/Prime-Intuit-Data- X

HackerRank Question - Weather X

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<https://www.hackerrank.com/test/gfs8eiej4rq/questions/>

2020-07-24	min	74
2020-07-24	avg	79
2020-07-25	max	86
2020-07-25	min	71
2020-07-25	avg	78
2020-07-26	max	92
2020-07-26	min	77
2020-07-26	avg	83
2020-07-27	max	95
2020-07-27	min	75
2020-07-27	avg	79
2020-07-28	max	96
2020-07-28	min	77
2020-07-28	avg	84
2020-07-29	max	93
2020-07-29	min	73
2020-07-29	avg	78
2020-07-30	max	93
2020-07-30	min	76
2020-07-30	avg	83
2020-07-31	max	95



SWAROOPNC/Prime-Intuit-Data-

HackerRank Question - Weather



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<https://www.hackerrank.com/test/gfs8eiej4rq/question>

left	2020-07-27	max	95
	2020-07-27	min	75
L	2020-07-27	avg	79
	2020-07-28	max	96
D	2020-07-28	min	77
I	2020-07-28	avg	84
2	2020-07-29	max	93
	2020-07-29	min	73
	2020-07-29	avg	78
	2020-07-30	max	93
	2020-07-30	min	76
	2020-07-30	avg	83
	2020-07-31	max	95
	2020-07-31	min	73
	2020-07-31	avg	74

OUTPUT

month	max	min	avg
7	100	67	79



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Line: 4 Col:

Test Results

Run Query

Submit

Incorrect answer.

X Test case 0

Your Output (stdout)

~ no response on stdout ~

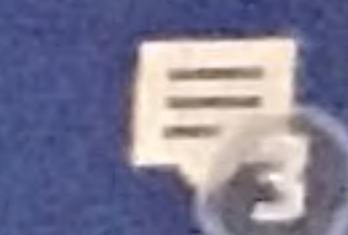
Expected Output

1	7	100	67	79
2	8	93	63	75
3	9	92	42	65
4	10	82	40	56
5	11	78	28	49

Download



19:19
19-04-2022



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2. Winners Chart

There were a number of contests where participants each made multiple attempts. The attempt with the highest score is the only one considered. Write a query to list the contestants ranked in the top 3 for each contest. If multiple contestants have the same score in a contest, they are at the same rank.

Report *event_id, rank 1 name(s), rank 2 name(s), rank 3 name(s)*. Order the contests by *event_id*. Names that share a rank should be ordered alphabetically and separated by a comma.

Order the report by *event_id*.

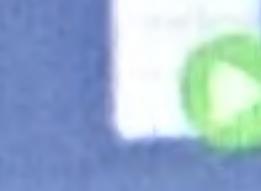
▼ Schema

There is one table: `scoretable`.

scoretable		
Name	Type	Description
<code>event_id</code>	int	id of the event.
<code>participant_name</code>	varchar(25)	name of the participant.
<code>score</code>	float	the score

▼ Sample Data Tables

scoretable		
<code>event_id</code>	<code>participant_name</code>	<code>score</code>
2187	Clemencia	9
2187	Clemencia	6.6



→ C ↑ 🔒 <https://www.hackerrank.com/test/gfs8eiej4rq/question>

▼ Sample Data Tables

Scoretable

event_id	participant_name	score
2187	Clemencia	9
2187	Clemencia	6.6
2187	Clemencia	8.6
2187	Susannah	8.8
2187	Susannah	10
2187	Susannah	8.2
2187	Sixta	7.4
2187	Sixta	9.8
2187	Sixta	6.2
2187	Otto	9.8
2187	Otto	7.2
2187	Otto	8.8
2187	Anita	8.4
2187	Anita	8.6
2187	Anita	6.6
2187	Arielle	6.8
2187	Arielle	8.4



• <https://www.hackerrank.com/test/gfs8eiej4rq/question>

2187	Anita	8.4
2187	Anita	8.6
2187	Anita	6.6
2187	Arielle	6.8
2187	Arielle	8.4
2187	Arielle	7.6
2187	Nakita	6.6
2187	Nakita	7.6
2187	Nakita	9.8
4361	Kayla	8.8
4361	Kayla	6.8
4361	Kayla	8.8
4361	Brice	6.4
4361	Brice	7.8
4361	Brice	7.6
4361	Pura	9.8
4361	Pura	9.4
4361	Pura	7.6
4361	Elissa	9.6
4361	Elissa	7.8
4361	Elissa	7.4



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4361	Elissa	7.4
4361	Florinda	8.6
4361	Florinda	8.8
4361	Florinda	7.4
4361	Eloise	6.6
4361	Eloise	7.6
4361	Eloise	7.6
4361	Rachele	7.4
4361	Rachele	9.2
4361	Rachele	6.8
4361	Helga	6.6
4361	Helga	9
4361	Helga	7.6
4361	Joya	9.6
4361	Joya	8.6
4361	Joya	8.8
3478	Art	8.4
3478	Art	8.2
3478	Art	8.2
3478	Charmaine	9.6
3478	Charmaine	7.4

left

LL

1

2

3478	Art	8.2
3478	Charmaine	9.6
3478	Charmaine	7.4
3478	Charmaine	8
3478	Amal	8.6
3478	Amal	7.6
3478	Amal	7.8
3478	Mayola	6.4
3478	Mayola	6.8
3478	Mayola	7.2
3478	Karole	6.6
3478	Karole	8.2
3478	Karole	9.4
3478	Piedad	6.2
3478	Piedad	7.6
3478	Piedad	7.8
3478	Hiram	9.6
3478	Hiram	7.2
3478	Hiram	8.8
3478	Treasa	9.4
3478	Treasa	6.6

→ C H 🔒 https://www.hackerrank.com/test/gfs8eiej4rq/question

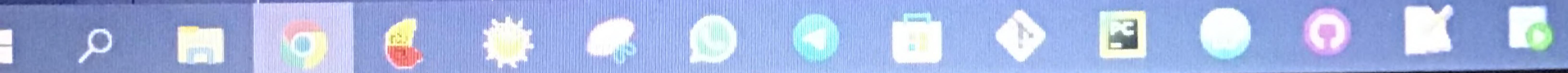
left	3478	Hiram	8.8
LL	3478	Treasa	9.4
1	3478	Treasa	6.6
2	3478	Treasa	6.2
1	3478	Pa	6.8
1	3478	Pa	8.6
1	3478	Pa	7

OUTPUT

event_id	first	second	third
2187	Susannah	Nakita,Otto,Sixta	Clemencia
3478	Charmaine,Hiram	Karole,Treasa	Amal,Pa
4361	Pura	Elissa,Joya	Rachele

Explanation:

event_id	participant_name	best	rank
2187	Susannah	10	1
2187	Sixta	9.8	2
2187	Otto	9.8	2
2187	Nakita	9.8	2



left	3478	Pa	6.8
	3478	Pa	8.6
	3478	Pa	7

OUTPUT

event_id	first	second	third
2187	Susannah	Nakita,Otto,Sixta	Clemencia
3478	Charmaine,Hiram	Karole,Treasa	Amal,Pa
4361	Pura	Elissa,Joya	Rachele

Explanation:

event_id	participant_name	best	rank
2187	Susannah	10	1
2187	Sixta	9.8	2
2187	Otto	9.8	2
2187	Nakita	9.8	2
2187	Clemencia	9	3

For `event_id` 2187, Susannah has the highest score. Sixta, Otto, and Nakita are tied for the second position. Clemencia is ranked third.



MySQL

Autocomplete not supported

Enter your query below.
Please append a semicolon ";" at the end of the query

Results

Correct answer.

Test case 0

Your Output (stdout)

~ no response on stdout ~

Expected Output

1	1434	Charmaine Bevins	Joya Lipton	Eloise Nodine
2	2626	Christinia Padgett	Jesusita Toland	Cletus Tull
3	2661	Tricia Norgard	Ilene Schow	Herbert Denis,Kirstie Stocking
4	2962	Annita Tessier,Rosalyn Corley	Jessika Gard	Brynn Liming,Regenia Scalf
5	3024	Ashlyn Cheatam	Sunday Hires,Yolando Stours	Edmond Sunseri,Roxanne Truman

