

SWAROOPNC/Prime-Intuit-Data- x HackerRank Questions x +

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

HackerRank SQL (Advanced) Skills Certification Test

Answered: 0 / 2 59 mins Swaroop N C

SECTION 1

ALL	QUESTIONS	TYPE	ACTION
1	1. Crypto Market Algorithms Report	Database	Solve

SECTION 2

QUESTIONS	TYPE	ACTION
2. Weekend Hours Worked	Database	Solve

Submit Test



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HackerRank Question - Crypto M x

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1. Crypto Market Algorithms Report

A number of algorithms are used to mine cryptocurrencies. As part of a comparison, create a query to return a list of algorithms and their volumes for each quarter of the year 2020.

The result should be in the following format: algorithm name, Q1, Q2, Q3, Q4 transactions.

- Q1 through Q4 contain the sums of transaction volumes for the algorithm for each calendar quarter of 2020 precise to 6 places after the decimal.
- Results should be sorted ascending by algorithm name.

▼ Schema

There are 2 tables:

coins		
name	type	description
code	VARCHAR(4)	Coin code
name	VARCHAR(64)	Coin name
algorithm	VARCHAR(128)	Cryptocurrency algorithm name

transactions		
name	type	description
coin_code	VARCHAR(4)	Coin code



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algorithm | VARCHAR(128) | Cryptocurrency algorithm name

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transactions

name	type	description	
ALL	coin_code	VARCHAR(4)	Coin code
1	dt	VARCHAR(19)	Transaction timestamp
	volume	DECIMAL(11,6)	Transaction volume

▼ Sample Data Tables

For the sample data in tables:

coins		
code	name	algorithm
BTC	Bitcoin	SHA-256
DOGE	Dogecoin	Scrypt
ETH	Etherium	Ethash
LTC	Litecoin	Scrypt
XMR	Monero	RandomX

transactions		
coin_code	dt	volume

Windows taskbar icons: File Explorer, Google Chrome, FileZilla, FileZilla Sync, FileZilla Transfer, FileZilla Status, FileZilla Network, FileZilla Firewall, FileZilla Security, FileZilla Help, FileZilla Support.

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transactions

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coin_code	dt	volume
LTC	2021-04-05 04:30:30	422.830473
DOGE	2020-01-22 07:44:35	55.225905
BTC	2019-10-19 06:32:46	6906.520151
DOGE	2020-01-29 12:21:19	9370.519560
BTC	2020-04-05 12:38:54	4775.700964
DOGE	2019-12-16 13:41:53	8865.966189
BTC	2019-12-07 02:24:27	9086.928039
ETH	2020-04-21 21:27:43	7273.565939
DOGE	2020-08-25 19:09:10	8027.924009
ETH	2020-06-04 03:53:39	6736.423699
DOGE	2019-12-23 00:13:13	6704.032765
LTC	2021-04-01 23:13:14	3117.003666
XMR	2020-10-10 17:50:52	1989.514313
BTC	2020-10-09 13:56:39	9776.150048
DOGE	2021-03-11 18:57:57	4346.517803
BTC	2019-12-10 11:28:37	3287.686066
DOGE	2019-11-28 01:05:59	7108.628739
BTC	2020-07-16 18:26:49	971.325293
BTC	2020-04-22 03:32:11	2389.737999



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Info My

1 /*
2 Enter
3 Please
4 */

ETH	2020-04-21 21:27:43	7273.565939
DOGE	2020-08-25 19:09:10	8027.924009
ETH	2020-06-04 03:53:39	6736.423699
DOGE	2019-12-23 00:13:13	6704.032765
LTC	2021-04-01 23:13:14	3117.003666
XMR	2020-10-10 17:50:52	1989.514313
BTC	2020-10-09 13:56:39	9776.150048
DOGE	2021-03-11 18:57:57	4346.517803
BTC	2019-12-10 11:28:37	3287.686066
DOGE	2019-11-28 01:05:59	7108.628739
BTC	2020-07-16 18:26:49	971.325293
BTC	2020-04-22 03:32:11	2389.737999
LTC	2020-08-22 22:13:59	1079.398703

the expected output is:

algorithm ▲	transactions_Q1	transactions_Q2	transactions_Q3	transactions_Q4
Ethash	0.000000	14009.989638	0.000000	0.000000
RandomX	0.000000	0.000000	0.000000	1989.514313
Scrypt	9425.745465	0.000000	9107.322712	0.000000
SHA-256	0.000000	7165.438963	971.325293	9776.150048

Test Result

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2. Weekend Hours Worked

ALL

The times that employees log in and out are recorded over the course of a month. For each employee, determine the number of hours worked during the weekends. For simplicity, hours worked in a day, hours are truncated to their integer part.

For example, there are 10 hours between '2000:01:01 00:45:00' and '2000:01:01 10:45:00'. There are 9 hours between '2000:01:01 00:46:00' and '2000:01:01 10:45:00'.

1

Return a list of employee ids and weekend hours worked, descending by hours worked.

2

▼ Schema

You are provided 1 table: attendance.

attendance

Name	Type	Description
timestamp	varchar(20)	date and time at which the employee logged in or logged out
emp_id	int	unique id of the employee.

▼ Sample Data Tables

attendance	
timestamp	emp_id
2021-07-01 08:08:00	747
2021-07-01 17:19:00	747

Test

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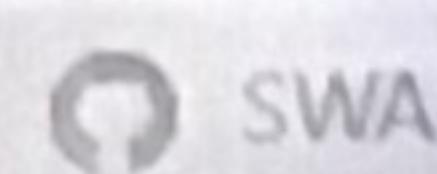
▼ Sample Data Tables

attendance

ALL	timestamp	emp_id
	2021-07-01 08:08:00	747
	2021-07-01 17:19:00	747
1	2021-07-02 08:15:00	747
	2021-07-02 16:56:00	747
2	2021-07-03 08:36:00	747
	2021-07-03 17:40:00	747
	2021-07-04 08:37:00	747
	2021-07-04 17:38:00	747
	2021-07-05 08:06:00	747
	2021-07-05 17:09:00	747
	2021-07-06 08:53:00	747
	2021-07-06 16:30:00	747
	2021-07-07 08:22:00	747
	2021-07-07 16:26:00	747
	2021-07-08 08:34:00	747
	2021-07-08 16:39:00	747



SWAROOPNC/Prime-Intuit-Data		HackerRank Question - Weekend
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ALL		
1		
2		
2021-07-08 08:34:00	747	
2021-07-08 16:39:00	747	
2021-07-09 08:22:00	747	
2021-07-09 17:22:00	747	
2021-07-10 08:33:00	747	
2021-07-10 17:54:00	747	
2021-07-11 08:13:00	747	
2021-07-11 16:31:00	747	
2021-07-12 08:44:00	747	
2021-07-12 16:25:00	747	
2021-07-13 08:09:00	747	
2021-07-13 17:48:00	747	
2021-07-14 08:21:00	747	
2021-07-14 17:02:00	747	
2021-07-15 08:49:00	747	
2021-07-15 17:37:00	747	
2021-07-16 08:27:00	747	
2021-07-16 17:30:00	747	
2021-07-17 08:14:00	747	
2021-07-17 17:28:00	747	
2021-07-18 08:01:00	747	



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HackerRank Question - Weekend

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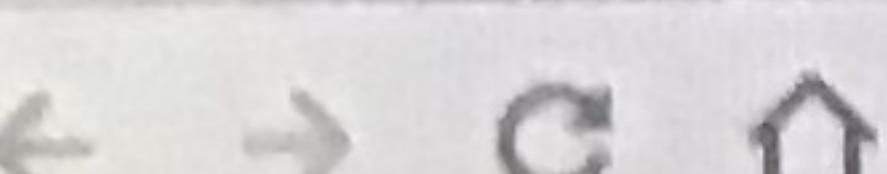
	2021-07-17 17:28:00	747
	2021-07-18 08:01:00	747
	2021-07-18 16:27:00	747
ALL	2021-07-19 08:10:00	747
	2021-07-19 17:15:00	747
	2021-07-20 08:57:00	747
1	2021-07-20 16:48:00	747
	2021-07-21 08:38:00	747
2	2021-07-21 16:09:00	747
	2021-07-22 08:06:00	747
	2021-07-22 16:54:00	747
	2021-07-23 08:34:00	747
	2021-07-23 16:46:00	747
	2021-07-24 08:24:00	747
	2021-07-24 16:32:00	747
	2021-07-25 08:52:00	747
	2021-07-25 16:10:00	747
	2021-07-26 08:32:00	747
	2021-07-26 16:16:00	747
	2021-07-27 08:23:00	747
	2021-07-27 17:59:00	747



SWAROOPNC/Prime-Intuit-Data X

HackerRank Question - Weekend X

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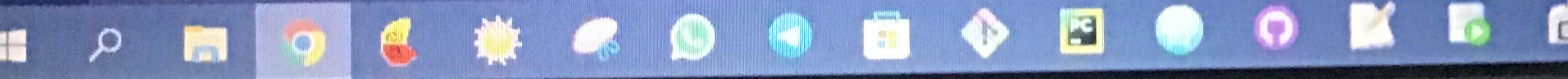



https://www.hackerrank.com/test/gfs8eiej4rq/questions/ei2559f8

6m left	2021-07-23 16:46:00	747
ALL	2021-07-24 08:24:00	747
1	2021-07-24 16:32:00	747
2	2021-07-25 08:52:00	747
1	2021-07-25 16:10:00	747
0	2021-07-26 08:32:00	747
1	2021-07-26 16:16:00	747
2	2021-07-27 08:23:00	747
1	2021-07-27 17:59:00	747
2	2021-07-28 08:55:00	747
1	2021-07-28 17:45:00	747
2	2021-07-29 08:45:00	747
1	2021-07-29 16:17:00	747
2	2021-07-30 08:12:00	747
1	2021-07-30 16:09:00	747
2	2021-07-31 08:01:00	747
1	2021-07-31 17:54:00	747

OUTPUT

emp_id	work_hours
747	67





Line: 5 Col: 1

Test Results

Run Query

Submit

Incorrect answer.

X Test case 0

Expected Output

Download

1	Ethash	151462.041951	72496.626882	95519.031415
		70098.019852		
2	RandomX	57037.714681	31812.179180	9759.540424
		26098.469680		
3	Scrypt	159606.943937	65609.588182	128631.878154
		78124.251634		
4	SHA-256	61246.966303	70823.600427	77027.632819
		99171.741237		

Show all



19:09
19-04-2022

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For each employee,
hours worked in a day, hours

1 10:45:00'. There are 9 hours

s worked.

Line: 4 Col: 3

Run Query

Submit

Test Results

Incorrect answer.

X Test case 0

Your Output (stdout)

~ no response on stdout ~

Expected Output

Download

1	747	75
2	904	74
3	425	73
4	107	72
5	878	70

19:10 19-04-2022 3

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