

Covid Percentage Increase

Problem Statement

Given table contains reported covid cases in 2020.

Calculate the percentage increase in covid cases each month versus cumulative cases as of the prior month. Return the month number, and the percentage increase rounded to one decimal. Order the result by the month.

CASES_REPORTED	DATE
20124	10-01-2020
40133	15-01-2020
65005	20-01-2020
30005	08-02-2020
35015	19-02-2020
15015	03-03-2020
35035	10-03-2020
49099	14-03-2020
84045	20-03-2020
100106	31-03-2020
17015	04-04-2020
36035	11-04-2020
50099	13-04-2020
87045	22-04-2020
101101	30-04-2020
40015	01-05-2020
54035	09-05-2020
71099	14-05-2020
82045	21-05-2020
90103	25-05-2020
99103	31-05-2020
11015	03-06-2020
28035	10-06-2020
38099	14-06-2020
45045	20-06-2020
36033	09-07-2020
40011	23-07-2020
25001	12-08-2020
29990	26-08-2020
20112	04-09-2020
43991	18-09-2020
51002	29-09-2020
26587	25-10-2020
11000	07-11-2020
35002	16-11-2020
56010	28-11-2020
15099	02-12-2020
38042	11-12-2020
73030	26-12-2020

Output

OUTPUT	
MONTH	PERCENTAGE_INCREASE
1	-
2	51.9
3	148.9
4	61.5
5	57.1
6	10.2
7	5.7
8	3.9
9	7.9
10	1.7
11	6.4
12	7.4

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