DAY 16 - COVID PERCENTAGE INCREASE

PROBLEM STATEMENT: The 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.

<u>INPUT</u>

INPUT		
CASES_REPORTED	DATE	
20124	01/10/2020	
40133	01/15/2020	
65005	01/20/2020	
30005	02/08/2020	
35015	02/19/2020	
15015	03/03/2020	
35035	03/10/2020	
49099	03/14/2020	
84045	03/20/2020	
100106	03/31/2020	
17015	04/04/2020	
36035	04/11/2020	
50099	04/13/2020	
87045	04/22/2020	
101101	04/30/2020	
40015	05/01/2020	
54035	05/09/2020	
71099	05/14/2020	
82045	05/21/2020	
90103	05/25/2020	

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	

SOLUTION

OUTPUT

	months	percent_incr
1	1	_
2	2	51.9
2 3 4	3	148.9
4	4	61.5
5 6	5	57.1
6	6	10.2
7	7	5.7
8	8	3.9
9	9	7.9
10	10	1.7
11	11	6.4
12	12	7.4