Free Pizzas

Problem Statement

Given table showcases details of pizza delivery order for the year of 2023. If an order is delayed then the whole order is given for free. Any order that takes 30 minutes more than the order time is considered as delayed order.

Identify the percentage of delayed order for each month and also display the total no of free pizzas given each month. Sort the result in order of month as shown in expected output

INPUT					
ORDER_ID	ORDER_TIME	EXPECTED_DELIVERY	ACTUAL_DELIVERY	NO_OF_PIZZAS	PRICE
1	29-09-2023 21:22	29-09-2023 21:52	29-09-2023 21:52	8	59.25
2	03-06-2023 19:32	03-06-2023 20:02	03-06-2023 20:02	2	82.56
3	19-03-2023 18:14	19-03-2023 18:44	19-03-2023 18:44	5	77.7
4	21-06-2023 18:45	21-06-2023 19:15	21-06-2023 19:15	3	71.1
5	16-11-2023 20:24	16-11-2023 20:54	16-11-2023 20:54	1	72.74
6	01-06-2023 00:17	01-06-2023 00:47	01-06-2023 00:47	9	62.01
7	15-04-2023 15:29	15-04-2023 15:59	15-04-2023 15:59	8	59.82
8	03-11-2023 12:35	03-11-2023 13:05	03-11-2023 13:05	5	95.9
9	20-01-2023 21:36	20-01-2023 22:06	20-01-2023 22:06	6	52.15
10	31-07-2023 13:43	31-07-2023 14:13	31-07-2023 14:13	10	81.69

...

For complete dataset follow the .csv file included in folder.

Output

OUTPUT		
PERIOD	DELAYED_DELIVERY_PERC	FREE_PIZZAS
Jan-23	9.20%	31
Feb-23	12.20%	49
Mar-23	15.80%	61
Apr-23	13.40%	77
May-23	14.30%	65
Jun-23	11.00%	48
Jul-23	15.70%	43
Aug-23	11.20%	63
Sep-23	18.90%	89
Oct-23	15.90%	60
Nov-23	23.10%	105
Dec-23	15.20%	58

END OF FILE