3052. Maximize Items

Description

Leetcode warehouse wants to maximize the number of items it can stock in a 500,000 square feet warehouse. It wants to stock as many **prime** items as possible, and afterwards use the **remaining** square footage to stock the most number of **non-prime** items.

Write a solution to find the number of **prime** and **non-prime** items that can be **stored** in the 500,000 square feet warehouse. Output the item type with prime_eligible followed by not_prime and the maximum number of items that can be stocked.

Note:

- Item count must be a whole number (integer).
- If the count for the **not_prime** category is 0, you should **output** 0 for that particular category.

Return the result table ordered by item count in ascending order.

The result format is in the following example.

Example 1:

	ut: entor	y tab	le:						
\ i	item_	id \	item_type	i VI	+- item_category	/ \	square_	footage	M
•	 1374	· .	prime_eligib		+- Watches		 68.00	+	۱I
\ 4			not_prime	•	Art		26.40		١
\ 5	5743	\ \	prime_eligib	le \	Software	Λİ	325.00		Vİ.
\ 8	3543	١	not_prime	\	Clothing	N	64.50		VÍ
\ 2	2556	\	not_prime	\	Shoes	M	15.00		\
\ 2	2452	\	prime_eligib	le \	Scientific	\	85.00		\
\ 3	3255	\	not_prime	\	Furniture	\	22.60		\
\ 1	L672	\	<pre>prime_eligib</pre>	le \	Beauty	\	8.50		\
\ 4	1256	\	prime_eligib			71	55.50		١
\ 6	5325	\	prime_eligib	le \	Food	71	13.20		١
Out	put:	· 	+	· 					
· '	item_ 	•	\ item_ +		•				
•			ible \ 5400		\ \				
		 rime	\ 8		χÏ				
			+		+				
- Th It i - In elig	ne pr is po n the gible ilabl	ssibl not_ item e 320	e to store 90 prime categor s (500,000 – square foota	oomby, the 499,68	omprises a tot binations of t ere are a tota 80 = 320), the count in desc	hese l of ere i	e 6 item 4 item Ls room	ns, tota ns with for 2 c	lino a co