

Checkout Kata:

Implement the code for a supermarket checkout process that calculates the total price of items added in the cart by the customer. In our store, we'll use individual letters of the alphabet (A, B, C, and so on) to represent items. Products can be purchased at their individual pricing or at a discounted price when purchased in groups as listed below: For example, item 'A' might cost 50 cents individually, but this week we have a special offer: buy three 'A's and they'll cost you \$1.30. Product pricing for this week is as below::

1	Item	Unit	Special
2		Price	Price
3	-----		
4	A	50	3 for 130
5	B	30	2 for 45
6	C	20	
7	D	15	

Our checkout accepts items in any order, so that if we scan product B, then product A, and then another product B, we'll recognize the two B's and price them at a discounted price of Rs 45 instead of individual pricing of Rs 30, which brings the Total order pricing to Rs 95.

Examples:

INPUT	OUTPUT
""	0
"A"	50
"AB"	80
"CDBA"	115
"AA"	100
"AAA"	130
"AAAA"	180
"AAAAA"	230
"AAAAAA"	260
"AAAB"	160
"AAABB"	175
"AAABBD"	190
"DABABA"	190