./Programming Fundamentals using Python - Part 01/Assignment Set - 02/Assignment on selection :

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"""
FoodCorner home delivers vegetarian and non-vegetarian combos to its customer based on order.

A vegetarian combo costs Rs.120 per plate and a non-vegetarian combo costs Rs.150 per plate.
Their non-veg combo is really famous that they get more orders for their non-vegetarian combo than the vegetarian combo.

Apart from the cost per plate of food, customers are also charged for home delivery based on the distance in kms
from the restaurant to the delivery point. The delivery charges are as mentioned below:

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| Distance in kms   | Delivery charge in Rs per km  |
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| For first 3kms    | 0                             |
| For next 3kms     | 3                             |
| For the remaining | 6                             |
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Given the type of food, quantity (no. of plates) and the distance in kms from the restaurant to the delivery point,
write a python program to calculate the final bill amount to be paid by a customer.

The below information must be used to check the validity of the data provided by the customer:
Type of food must be â\200\230Vâ\200\231 for vegetarian and â\200\230Nâ\200\231 for non-vegetarian.
Distance in kms must be greater than 0.
Quantity ordered should be minimum 1.
If any of the input is invalid, the bill amount should be considered as -1.
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Not able to solve
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"""

def calculate_bill_amount(food_type, quantity_ordered, distance_in_kms):
    bill_amount = 0
    if food_type not in "VN" or quantity_ordered < 1 or distance_in_kms <= 0:
        return -1
    else:
        bill_amount += 120 if food_type == 'V' else 150
        bill_amount *= quantity_ordered

        dist_01 = distance_in_kms - 3
        dist_02 = dist_01 - 3
        if dist_01 > 0:
            if dist_02 > 0:
                bill_amount += 3 * dist_01 + 6 * dist_02
            else:
                bill_amount += 3 * dist_01

        return bill_amount


bill_amount = calculate_bill_amount("N", 1, 7)
print(bill_amount)

```