

Question

You need 1 Liters of water to walk 18 km. Since the distance is 48 km walking alone. How many liters do you need to walk this distance?
If the amount in liters inserted is correct, the system will display: Right Choice, if not the system will display, Wrong Choice.

CalcBottlerOfWater Test Matrix						
	Test Cases					
	Valid	Invalid			Boundary	
	1	2	3	4	5	6
Inputs						
Distance in Km	48	0	1	49	1	48
Consume per Km	0.055	0.555	0.67	0.555	0.555	0.555
Outputs						
Liters	2.64	0	0.67	0	0.555	2.64
Errors		Distance equal or less than zero	Consume greater than 0.055	Distance greater than 48		

Task: Calculate the volume of liters necessary to travel

Inputs:

1. Distance: The travel's distance.
2. The consume per Kilometers

Outputs:

1. A message of right choice
2. A message of wrong choice

Validation Rules:

1. The distance must be equal or less than 48. But not equal or less than Zero.
2. The liters must be $0.555 * \text{distance}$.

calculo:

1. litros por quilometro: $1/18 = 0.055$
2. distancia por litro: $0.055 * 48 = 2.64$

```
CalcBottlerOfWater(distance, consume): double
BEGIN
```

```
IF(distance<=48)THEN
RETURN "Distance incorrect"
```

```
IF(consume IS NOT = 0.555) THEN
RETURN " Consume incorrect"
```

```
Liters = consume per km * distance in km
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```
RETURN liters
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```
END
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