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### Assignment 1

Input : Perimeter of triangle

Process :

- Look for know data first.
- Perimeter of triangle 270cm
- Calculate length of triangle with  $\frac{1}{3} * \text{perimeter}$
- $\frac{1}{3} * 270 = 90\text{cm}$
- So one side of the triangle is 90cm

Output : one side of triangle.

### Assignment 2

Input : length and width of rectangle

Process :

- Look for known data first
- Land 1: Length: 100 meters, width: 50 meters
- Land 2: Length: 20 meters, width: 50 meters
- Land 3: Length: 50 meters, width: 60 meters
- Land 4: Length: 60 meters, width: 20 meters
- Land 5: Length: 30 meters, width: 20 meters
- Calculate each rectangle area
- Land 1:  $100 * 50 = 5.000\text{m}^2$
- Land 2:  $20 * 50 = 1.000\text{m}^2$
- Land 3:  $50 * 60 = 3.000 \text{ m}^2$
- Land 4:  $60 * 20 = 1.200 \text{ m}^2$
- Land 5:  $30 * 20 = 600 \text{ m}^2$
- After calculate each rectangle area, count total area
- $5.000 + 1.000 + 3.000 + 1.200 + 600 = 10.800\text{m}^2$

Output : Total area of Mr. Andi's land

### Assignment 3

Input : washing machine, drying machine, beavers

Process :

- Look for known data first
- Washing machine operating 30 minute, drying machine operating 30 minute, beaver wash 60 minute.
- Beaver wash 30 minute, and dry 30 minute. Total 60 minute
- $60 \text{ minute} * 2 \text{ beaver} = 120 \text{ minute}$

Output : minutes wash and dry for two beaver