

Programming Concepts

Dwiky Candra(001202500082)

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1. Compute Mowing Time

Input	Processing	Output
50 (block_length)	Read block_length = 50, block_width = 40	
40 (block_width)	Read house_length = 20, house_width = 10	
20 (house_length)	block_area = $50 \times 40 = 2000$	
10 (house_width)	house_area = $20 \times 10 = 200$	
	grass_area = $2000 - 200 = 1800$	
	mowing_time = $1800 / 2 = 900$	900 (minutes)

2. Finding Max & Min

Input	Processing	Output
15 (num1)	Read num1 = 15, num2 = 7, num3 = 23	
7 (num2)	maximum = $\max(15, 7, 23) = 23$	23 (maximum)
23 (num3)	minimum = $\min(15, 7, 23) = 7$	7 (minimum)