

Rectangle APP

Variables

1. Length – rectangleLength
2. Height – rectangleHeight
3. Area – rectangleArea
4. Perimeter – rectanglePerimeter

IPO Chart

Input	Processing	Output
Length Height	GET rectangleLength GET rectangleHeight CALCULATE area CALCULATE perimeter DISPLAY area DISPLAY perimeter	Area Perimeter

Pseudo code

1. Initialize (make) variables:
 - a. length, height, area, perimeter
2. Prompt user (get input) for rectangle's length:
 - a. read the value and place length variable
3. Prompt user (get input) for rectangle's height:
 - a. read the value and place in height variable
4. Calculate:
 - a. $area = length * height$
 - b. $perimeter = (length + height) * 2$
5. Display:
 - a. area
 - b. perimeter