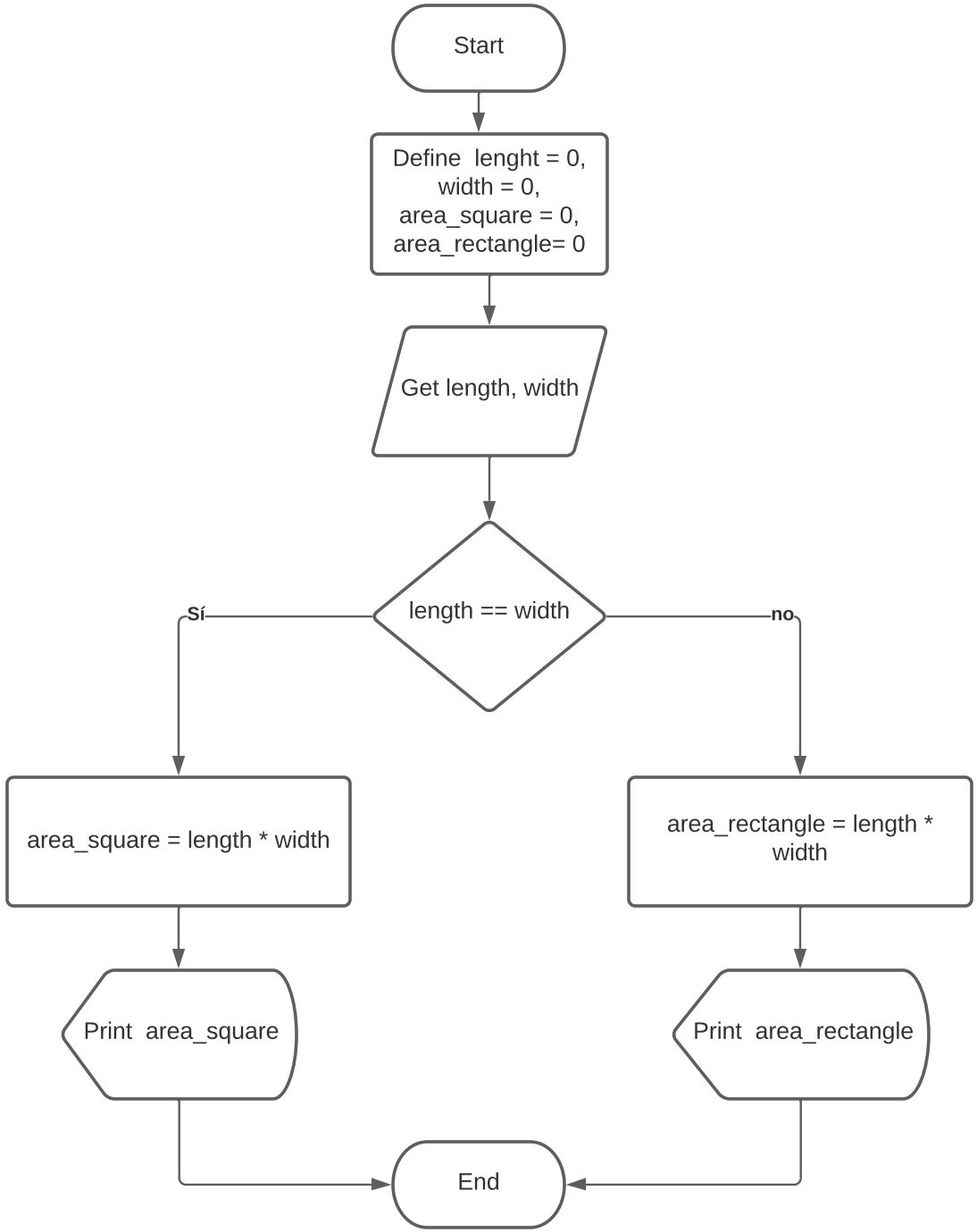

Instruction:

6. Design the algorithm for a program that obtain the length and width of a rectangle from the user. Calculate and output the area. If the length and width are equal, output a message indicating that the figure is a square. Make a list of variables, draw the flowchart, and perform a desk check using the following: 4, 8, 5, 5.

Pseudocode:

START PROGRAM: Get the lenght and width of a rectangle.

DECLARE
length = 0, width = 0, area_square = 0,
area_rectangle = 0

GET
length = int (input ("Insert a value for the length \n")
width = int (input ("Insert a value for the width \n")

IF (length == width):
area_square = length * width
PRINT ("The figure is a square with an area of:",
area_square)

ELSE:
area_rectangle = length * width
PRINT ("The figure is a rectangle with an area of:",
area_rectangle)

END PROGRAM

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