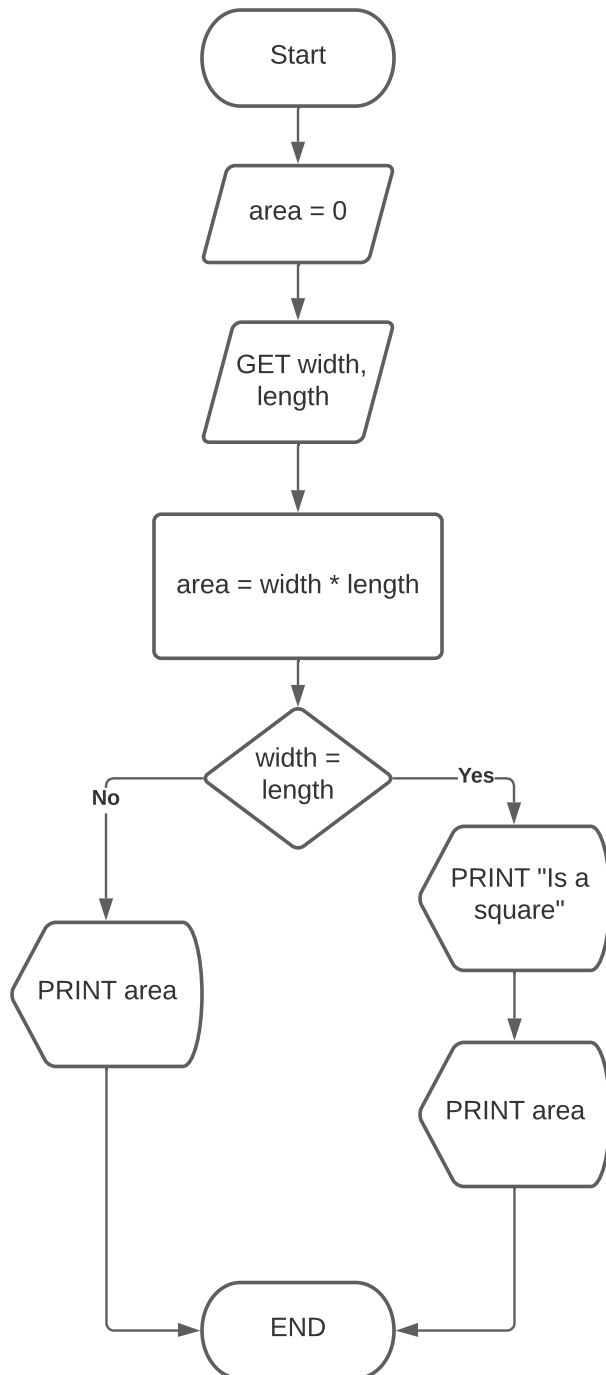Design the algorithm for a program that obtain the length and width of a rectangle from the user. Calculate and output the area. If the length and width are equal, output a message indicating that the figure is a square. Make a list of variables, draw the flowchart, and perform a desk check using the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

Flowchart

```
            Start
              |
          area = 0
              |
        GET width, length
              |
        area = width * length
              |
          width = length
         /              \
       No               Yes
        |                |
    PRINT area      PRINT "Is a square"
        |                |
        |            PRINT area
        |                |
         \              /
             END
```

Pseudocode

START PROGRAM: Area

DECLARE
    area = 0, width, length

area = width * length

IF widht == length THEN

    PRINT "Your figure is a Square and its area is ", area

ELSE

    PRINT area

END PROGRAM