# DESIGN

## Pseudocode

# Initialize Scanner object

# output: Enter the number of sides

# input: (int) numberOfSides

# output: Enter the length of the sides

# input: (float) lengthOfSides

# set areaOfPoligon equal to: (numberOfSides \* lengthOfSides2) / (4 \* tan(π/numberOfSides))

# output:

## Flowchart

A screenshot of a computer

Description automatically generated

# TEST PLAN

|  |  |  |
| --- | --- | --- |
| Test # | Input | Expected Output |
| 1 | Number of Sides:5  Length of Sides: 6.5 |  |
| 2 | Number of Sides: 12  Length of Sides: 14.4 |  |
| 3 | Number of Sides: 54  Length of Sides: 2.2 |  |

# SCREEN SHOTS

Test 1

A blue screen with white text

Description automatically generated

Test 2

A blue screen with white text

Description automatically generated

Test 3

A blue screen with white text

Description automatically generated