

**22/SP-COP-2800-65294 Java Programming**

**Exercise 4.2**

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# Document Version Control

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| 0.1 | 2022 JAN 29 | Johnathan Webster | First Draft |

# Document Purpose

The documents’ purpose is to define the Calculate the Area of a Hexagon class.

# Technical Specifications

## Purpose of Technical Implementation

The purpose of this implementation is to calculate the area of a hexagon given only one side value from the user.

## Technical Implementation Components

The class consists of the computeArea() method. The method takes in one argument of type double. The method then takes the provided value and multiples it by the value by itself and then the value of 2.5980762113533159402911695122588. This will then provide the area of the hexagon.

## Area of a Hexagon Implementation

The Area of a Hexagon class will return the area of a hexagon given the value input from the user. The user enters one side of the hexagon. This will then be computed and provide the area to the user.