Write Up:

1. Project setup

* Create a new JAVA project in your preferred integrated development environment.
* Set up the project structure with the main class and separate classes for each geometric shape

1. Geometric shape classes

* Create classes for different geometric shapes
* Each class should have a method to calculate the area based on the provided parameters

1. Main class

* In the main class handle user input to determine the geometric shape and pass the appropriate parameters

1. Run the project

* Compile and run the main class to execute the area calculations based on user input