Hypotenuse

Calculate the length of the hypotenuse of a right-angled triangle. You are requested to split your code into two classes:

- `SquareImpl` should implement the following interface:
    ```
    package org.myinstitution.myassignments.hypotenusev02;
    public interface Square {
      double square(double v); // calculates v²
    }
    ```

- Another class `Hypo` should have a static method `hypo`, that receives three parameters. The first parameter is a `Square` object and the second and third parameters are the lengths of the two legs of a right-angled triangle. The method should return the length of the hypotenuse. The calculation of squares must be delegated to the `Square` parameter object.

Both classes must be implemented in the anonymous package. Write reliable, maintainable, secure and functionally correct code. Write javadocs about valid parameter ranges. Please, include a UML class diagram of your code.