Lab Task - 6
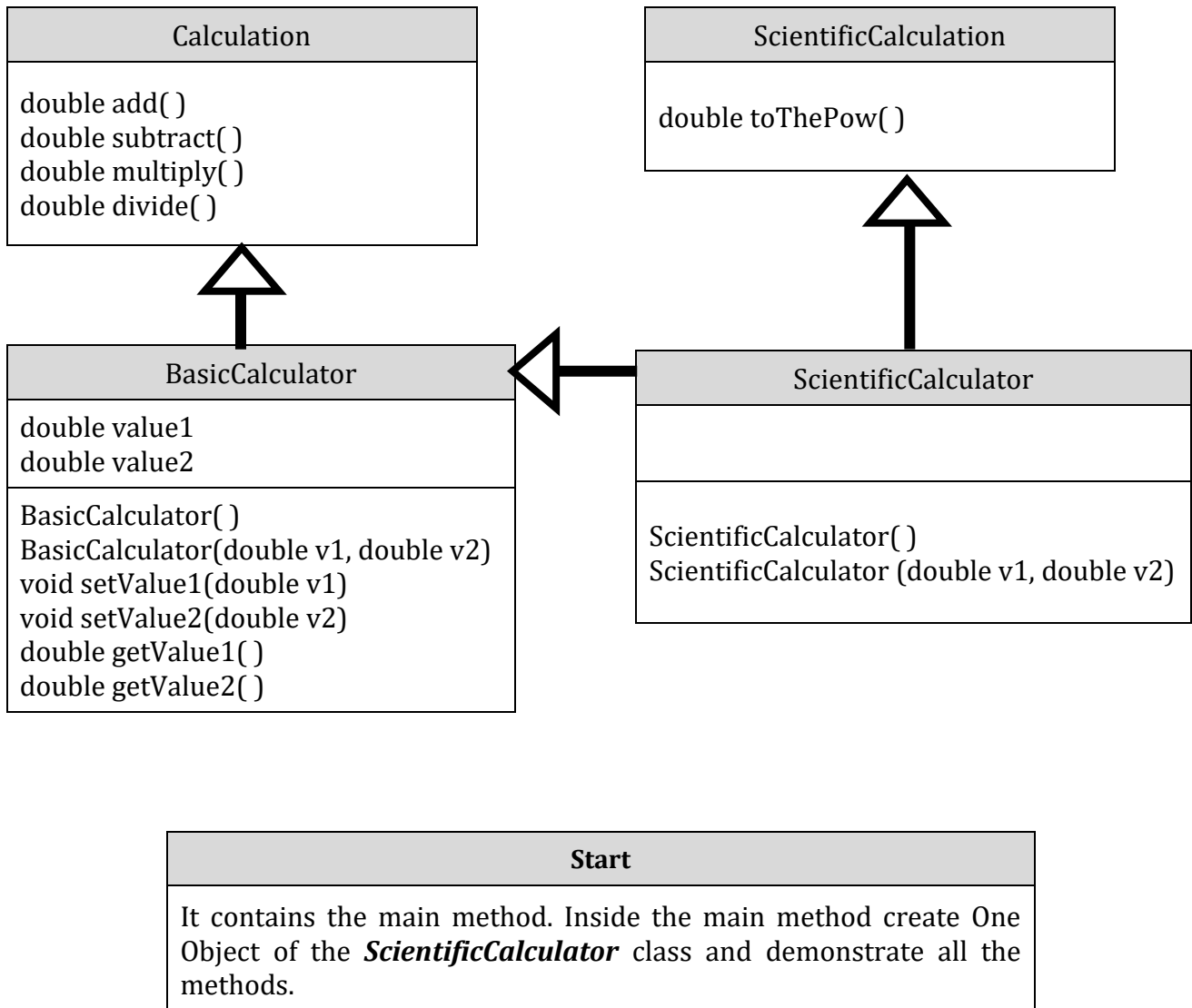
You need to make a Calculator. Write the following Interfaces and the classes to make the Calculator.

Calculation
double add( )   double subtract( )   double multiply( )   double divide( )

ScientificCalculation
double toThePow( )

BasicCalculator
double value1   double value2
BasicCalculator( )   BasicCalculator(double v1, double v2)   void setValue1(double v1)   void setValue2(double v2)   double getValue1( )   double getValue2( )

ScientificCalculator
ScientificCalculator( )   ScientificCalculator (double v1, double v2)

Start
It contains the main method. Inside the main method create One Object of the ***ScientificCalculator*** class and demonstrate all the methods.

Note:

- *The class BasicCalculator inherits the Calculation Interface but DOES NOT override the abstract methods of Calculation.*
- *The class ScientificCalculator inherits the BasicCalculator Class and the ScientificCalculation Interface.*