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Problem Statement : Define a application to find the area() and volume() of various shapes [Example : Circle,triangle,Rectangle,Square]

Step 1: Start
Step 2: Define an interface ShapePlan with abstract methods area() and perimeter().
Step 3: Create an abstract class Shape that implements the ShapePlan interface.
Step 4: In abstract class create a method for initialization of values and display results.
Step 5: Create a concrete class for Circle, Rectangle, square and triangle that inherit from the abstract class.
Step 6: They implement their own area() and perimeter() methods specific to each shape.
Step 7: Then in the main class by using creation of objects we are able to display the results by calling display() method from abstract class.