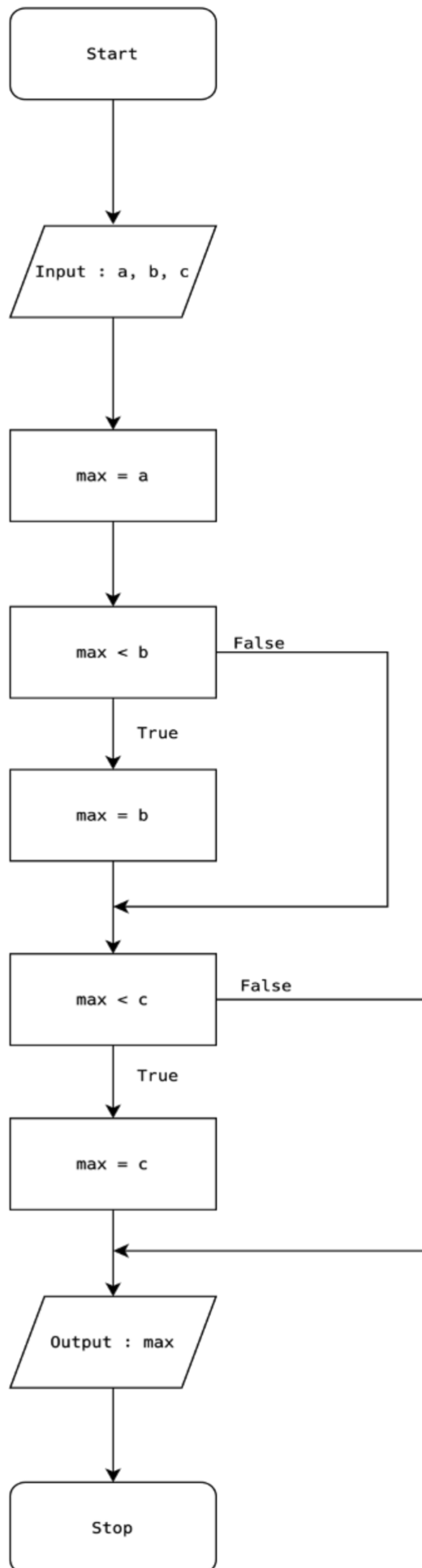
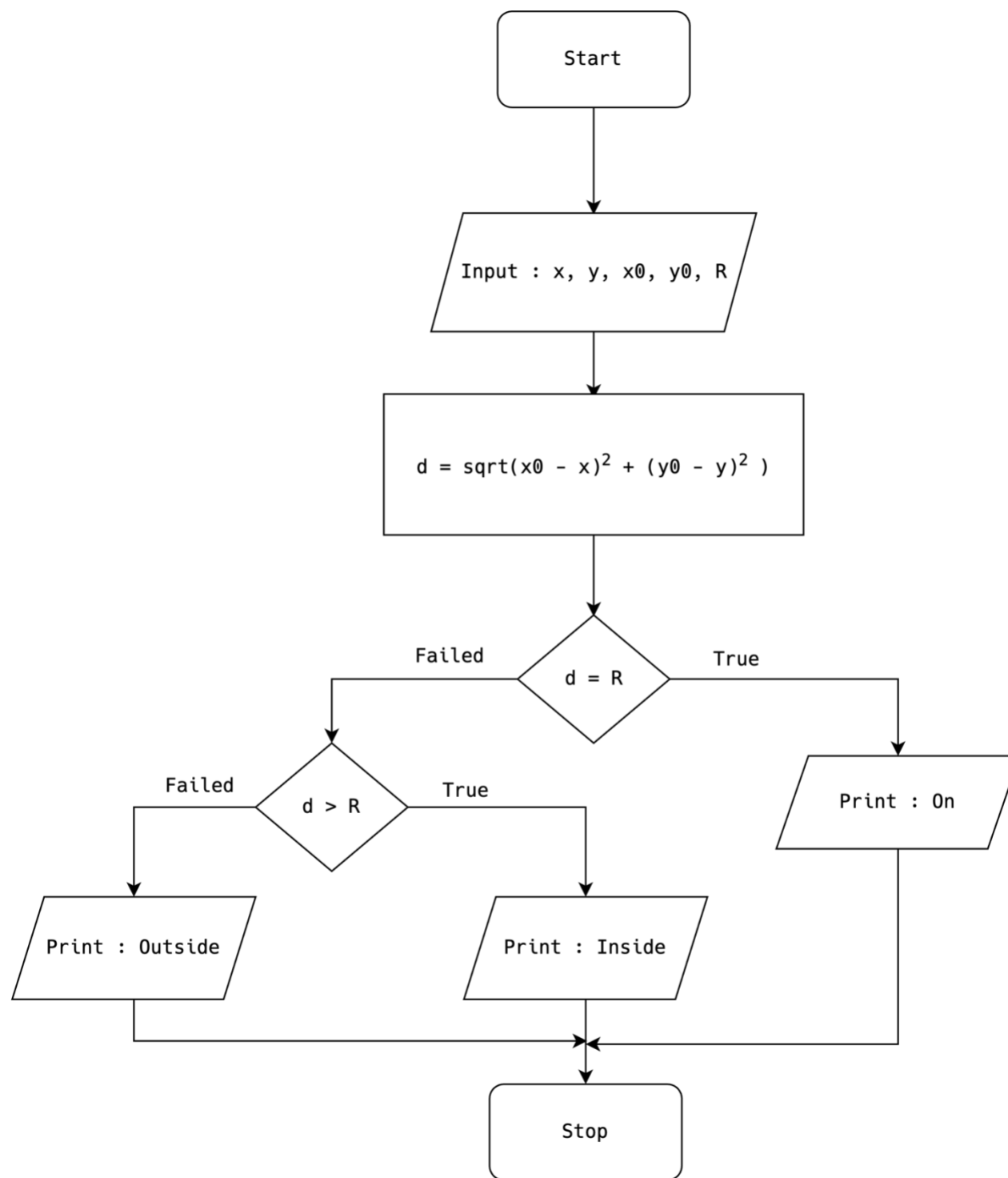


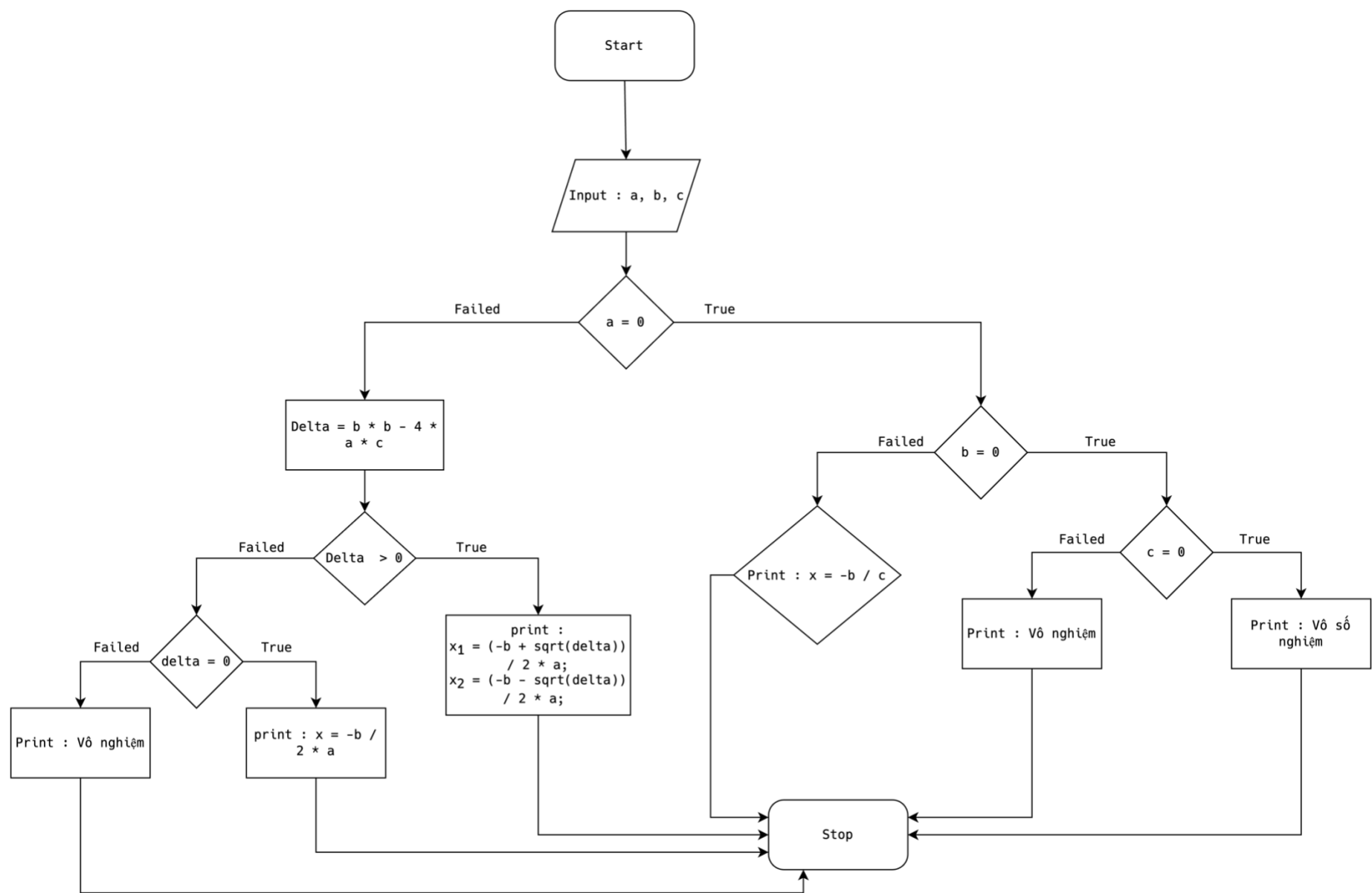
Exercise 1. Design an algorithm in flowchart to find the smallest number in a group of three real numbers.



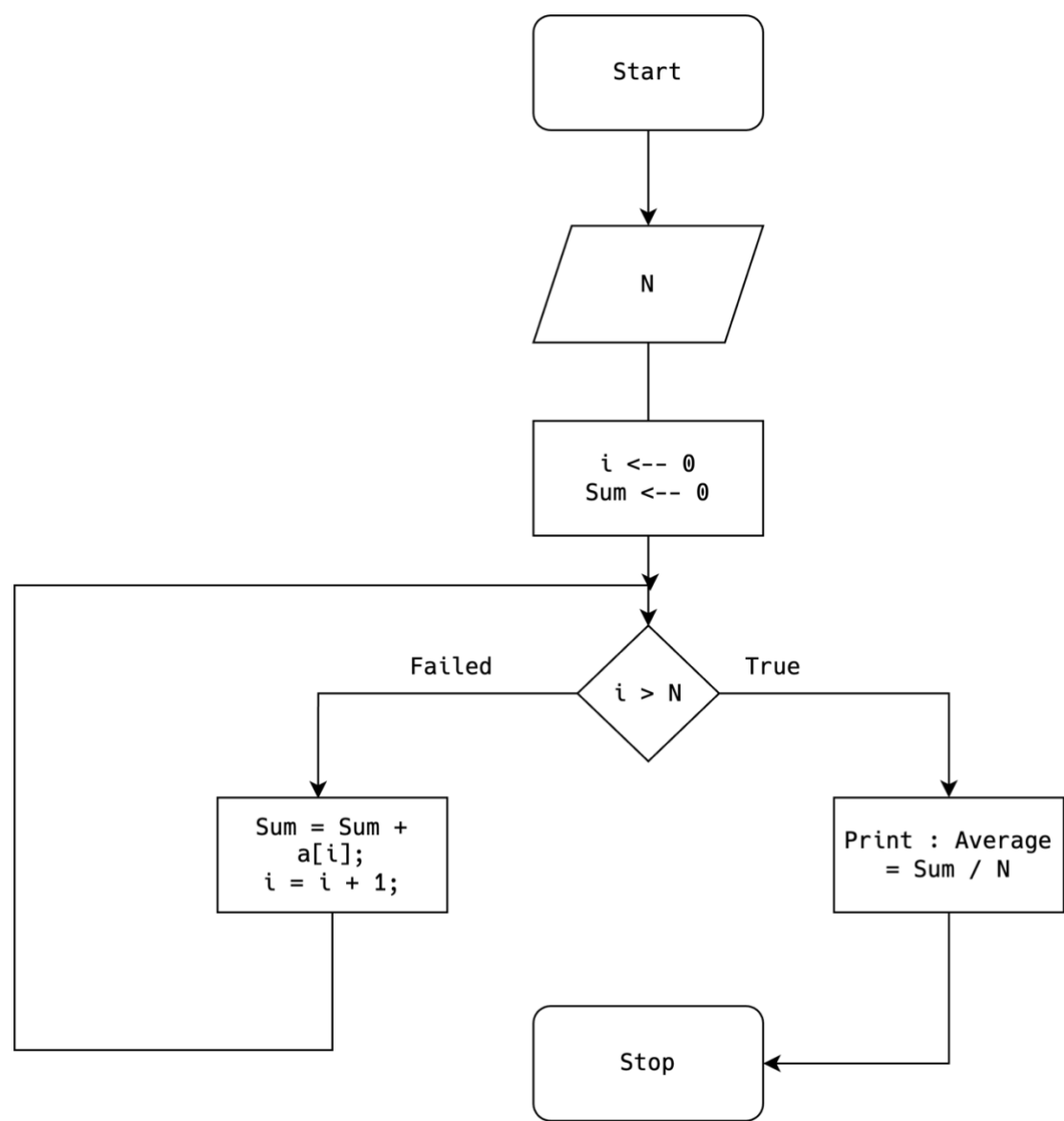
Exercise 2. Design an algorithm in flowchart to check whether a point $A(x, y)$ is on, inside or outside the circle with center $O(x_0, y_0)$ and radius of size R .



Exercise 3. Design an algorithm in flowchart to solve the quadratic equation: $ax^2 + bx + c = 0$ with the inputs a , b , and c .



Exercise 4. Design an algorithm in flowchart to read in a group of N numbers and compute the average of them, where N is also an input.



Exercies 5. Design an algorithm in flowchart to determine a triangle is **equilateral** (tam giác đều), **isosceles** (tam giác cân), **right-angled** (tam giác vuông) or **isosceles right-angled triangle** (tam giác vuông cân) when a, b, c - the lengths of three sides of this triangle - are given.

