

The background is split into two main sections. The left section features a light blue and white watercolor-style texture. The right section is a dark blue gradient with faint, semi-transparent technical diagrams, including circular gauges with numerical scales and arrows, suggesting a scientific or engineering theme.

WATERTANK: THE BEGINNING OF WATERING (CREATING ABSTRACT DATA TYPE)

WaterTank

- Capacity: float
- CurrentWater : float
- + WaterTank() : WaterTank
- + WaterTank(int capacity) : WaterTank
- + addWater(float quantity) : void
- + removeWater(float quantity) : void
- + setCapacity(int capacity) : void
- + getCapacity() : float
- + isFull() : boolean
- + isEmpty() : boolean
- + currentWater() : float
- + clearWater() : float



The background is a complex digital illustration. It features a dark blue and black color palette. On the left, there are several concentric circular patterns with white and blue lines, resembling radar or data flow. In the center and right, there are intricate circuit board patterns with gold and blue lines. Overlaid on the right side is a large, glowing yellow and white binary code (0s and 1s) that appears to be floating or scrolling. The overall aesthetic is high-tech and futuristic.

PROGRAM DEMO