# Algorithm Description – Sounds Fishy

In plain English, point-form, think through the steps necessary to solve the given problem.

Make use of key words like *compare*, *iterate*, *store*.

In code, of course, these translate to conditional statements, loops, and using variables.

## Algorithm

***INPUT***

-Ask for the reading

-If the input is an integer

-If the integer is greater than 0 continue to next prompt

-Else prompt for the reading again

-Else prompt for input again

-Input the reading (1…

-If they are a string continue

-Else prompt again

***PROCESS***

-If the valid input is given to the readings prompts

-If number the depth readings are equal

-Fish at Constant Depth

-Else, if the value of the readings are increasing -Fish Rising

-Else

-Fish Diving

***OUTPUT***

-Print the output designated in the process section