Puzzle – 18

Q- 10 Identical Bottles of Pills Puzzle

Given 10 identical bottles of identical pills (each bottle contains hundreds of pills). Out of 10 bottles 9 have 1 gram of pills but 1 bottle has pills of the weight of 1.1 gram. Given a measurement scale, how would you find the heavy bottle? You can use the scale only once. Note : Question can also be asked like, what the minimum number of weighs require to find the bottle with the pills which is heavier.

My Approach and Solution –