DS Explain set of super increasing number

A set of super increasing numbers is a sequence of positive integers where each number in the sequence is strictly greater than the sum of all the previous numbers in the sequence. In other words, for any given set of super increasing numbers, the nth number in the set must be strictly greater than the sum of the first (n-1) numbers. For example, the set [1, 2, 4, 8, 16, 32] is a super increasing set because each number is greater than the sum of the previous numbers.