



Bunnies and eggs



Sequences of bunnies and eggs are represented by codes, using the following two steps.

1. Moving from left to right in a sequence, each bunny or egg is represented by the number of eggs to the right of it in the sequence. This gives a sequence of numbers.
2. Then each even number in this sequence is replaced with a 0 and each odd number with a 1, to obtain its code.

Let's look at the following sequence as an example.



- The leftmost bunny has 3 eggs to the right of it, so it will be represented with a 3.
- The next egg has 2 eggs to the right of it, so it will be represented with a 2.
- The next egg has 1 egg to the right of it, so it will be represented with a 1.

Continuing this process gives the sequence 3, 2, 1, 1, 1, 0. Its code is 101110.

QUESTION

Which of the following sequences of bunnies and eggs is represented by the code 11101000?

- A.
- B.
- C.
- D.

