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## FIBONACCI SEQUENCE

0, 1, 1, 2, 3, 5, 8, 13, 21, 34, 55, ...  
 $F_0, F_1, F_2, F_3, F_4, \dots$

Formal Definition: Let  $F_0 = 0, F_1 = 1,$  <sup>base cases</sup>

and  $F_n = F_{n-1} + F_{n-2}$  for integers  $n > 1$   
recursive definition

