Episode 26: Sequences

$$\frac{1}{24} \cdot A sequence is an infinite ordered list of achieves
having the 1st al-t but no lest al-t.
$$\frac{1}{24} \cdot \frac{1}{24} \cdot \frac{1}{$$$$

2) By a rearrive formula

$$\frac{E \times 1}{|a_{h+1}|} = a_{h} + 3, \quad h = 1, 2, 3...$$

$$\begin{cases} 1, 4, 7, 10, ... \\ a_{1} = a_{1} + 3 \\ a_{2} = a_{2} + 3 \end{cases}$$

$$\frac{E \times 2}{|a_{1}|} = 1 \\ a_{2} = 1 \\ a_{n+1} = a_{n} + a_{n-1}, \quad h = 2, 3, ...$$

$$\begin{cases} 1, 1, 2, 3, 5, 8, 13, 21, ... \\ a_{2} = a_{2} + a_{1} \\ a_{3} = a_{2} + a_{2} \end{cases}$$
Fiboharce sequence
$$a_{3} = a_{2} + a_{1} \\ a_{4} = a_{3} + a_{2} \end{cases}$$