$$a_1 = 1 = a_2$$
 $a_n = 2a_{n-1} + 3a_{n-2}$; $h \ge 3$

O en
$$a_s$$
 Torritation on a_1 a_2 a_3 a_4 a_5

$$Q_n = 2Q_{n-1} + 3Q_{n-2} + 3Q_{n-2}$$

$$(X-3)(X+1) = 0 \rightarrow r_1 = -1, r_2 = 3.$$

$$Q_n = C_1(-1)^n + C_2(3)^n$$

blanch
$$N = 1$$
; $1 = C_1(-1) + C_2(3)$

Thus $N = 2$; $1 = C_1(1) + C_2(4)$

The authorities of $C_2 = \frac{2}{12} = \frac{1}{6}$; $C_1 = -\frac{1}{2}$
 $C_2 = \frac{1}{6}(-1)$ $C_3 = \frac{1}{6}(3)$

$$Cl_5 = \frac{-1}{2}(-1)^5 + \frac{7}{6}(3)^5 = \frac{1}{2} + \frac{243}{6} = \frac{246}{6} = 41$$