

fibonacci

1, 1, 2, 3, 5, 8, 13, 21, 34 →

$a=0$
 $b=1$ } $a+b=1$

$a=1$
 $b=1$ } $a+b=2$

$a=1$
 $b=2$ } → 3

$a=2$
 $b=3$ } → 5

$a=3$
 $b=5$ } → 8

$a=5$
 $b=8$ } → 13

$a=b$
 $b=a+b$

Fibonacci
 $a=0, b=1$

1, 1, 2, 3, 5, 8, 13, 21, 34,

$a=0$
 $b=1$ } = 1

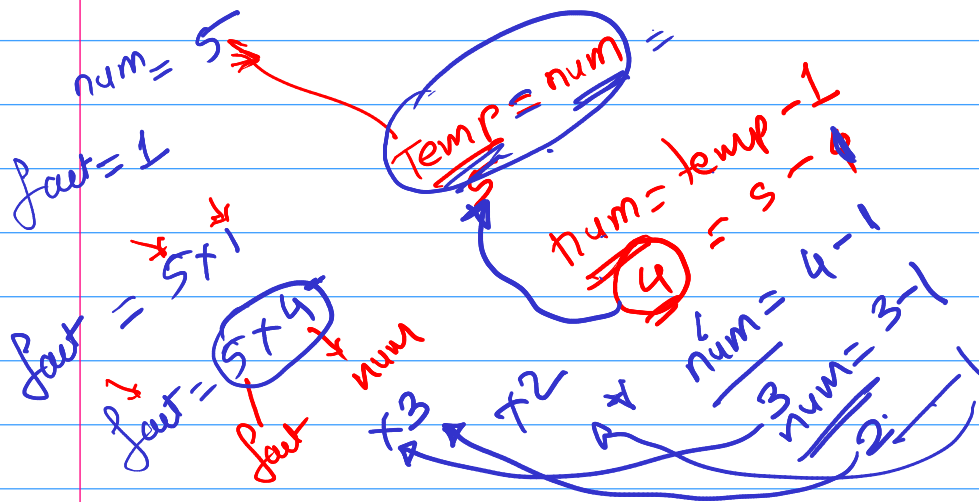
$a=1$
 $b=1$ } → 2

temp = $b=1$
 $b=a+b$
 $a=temp$
 $a=1$
 $b=2$ } → 3
 $a=2$
 $b=3$ } → 5

Factorial

$$5! = 5 \times 4 \times 3 \times 2 \times 1 \times 0$$

$num = 5$
 $fact = 1$
 $5 \times 1 = 5$
 $5 \times 4 = 20$
 $20 \times 3 = 60$
 $60 \times 2 = 120$
 $120 \times 1 = 120$



Reverse the number = 1234
 Rev.no = 4321

num = 1234
 rev_num = 0

$$num \% 10 = 4$$

num // 10

123