

$$\{n = \{ \underline{1721543} \}$$

$$\underline{\underline{7}}$$

$$\textcircled{1/10} = \{ \{ n / \underline{= 10} \} \}$$

$$(n > 0) \{$$

$$\leq \text{|||||}$$

$$\boxed{n=0} \rightarrow \{0\}$$

$$\textcircled{n = 1721543}$$

$$\underline{172154}$$

$$\underline{17215}$$

$$n = n / 10$$

$$\underline{1721}$$

$$\underline{172}$$

$$\underline{17}$$

$$\underline{1} \rightarrow$$

$$\underline{\underline{0}}$$

$$\textcircled{0.1}$$

$$\underline{\underline{1/10}}$$

~~1024~~

~~512~~

~~256~~

~~128~~

~~64~~

~~32~~

~~16~~

~~8~~

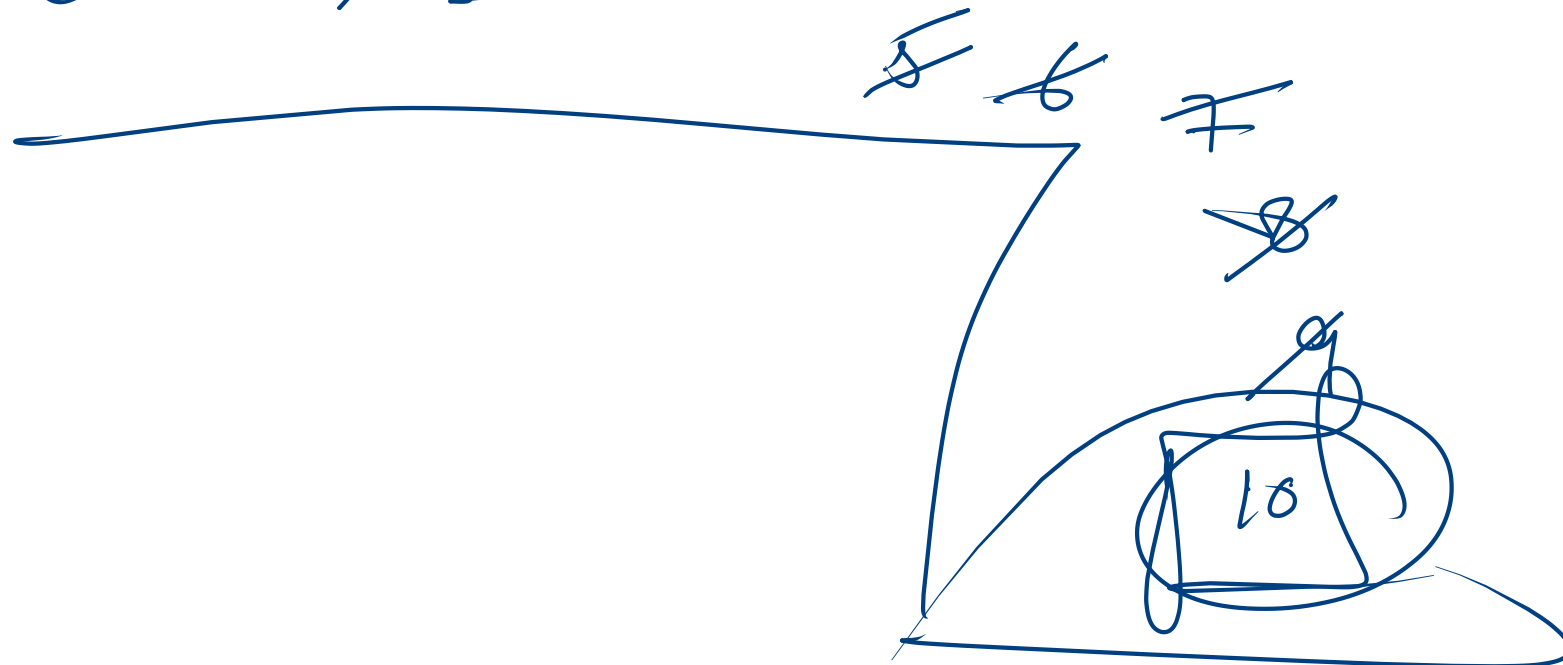
~~4~~

~~2~~

~~1~~

C 10 4

count = ~~0~~ 1 2 3 4



$\{n = 10\}$

max: ~~10~~ 1 3 6 9 12    count: 0 1 2 3 4 5

↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓  
1 3 2 0 6 9 4 5 8 12

S fin.

$\begin{cases} t \\ f \end{cases}$   $n = \boxed{8}$  ~~4~~ ~~3~~ ~~2~~ ~~1~~ ~~0~~  $\textcircled{n} \rightarrow \textcircled{> 0}$

$i = 0$

$i < n$

$\boxed{5 > 0}$

$\underline{4 > 0}$

false

$3 > 0$

$2 > 0$

$1 > 0$

$\boxed{0 > 0}$

7 2 6 9 5

$\textcircled{n}$   $\text{int } n = \text{scn.nextInt()};$  ~~1~~ ~~5~~

$\text{int max} = -100;$  ~~7~~ ~~9~~

$\text{int count} = 0;$  ~~2~~ 2 true

$\text{while}(n \rightarrow 0) \{$

$\text{int num} = \text{scn.nextInt()};$

$\text{if}(\text{num} > \text{max}) \{$

$\text{max} = \text{num};$

$\text{count} ++;$

$\}$

$\}$

$\text{System.out.println}(\text{count});$

$\}$

$\}$

$\}$

$\textcircled{2}$

$\textcircled{2}$

$\textcircled{9}$

$$n = 42$$

44

ewu

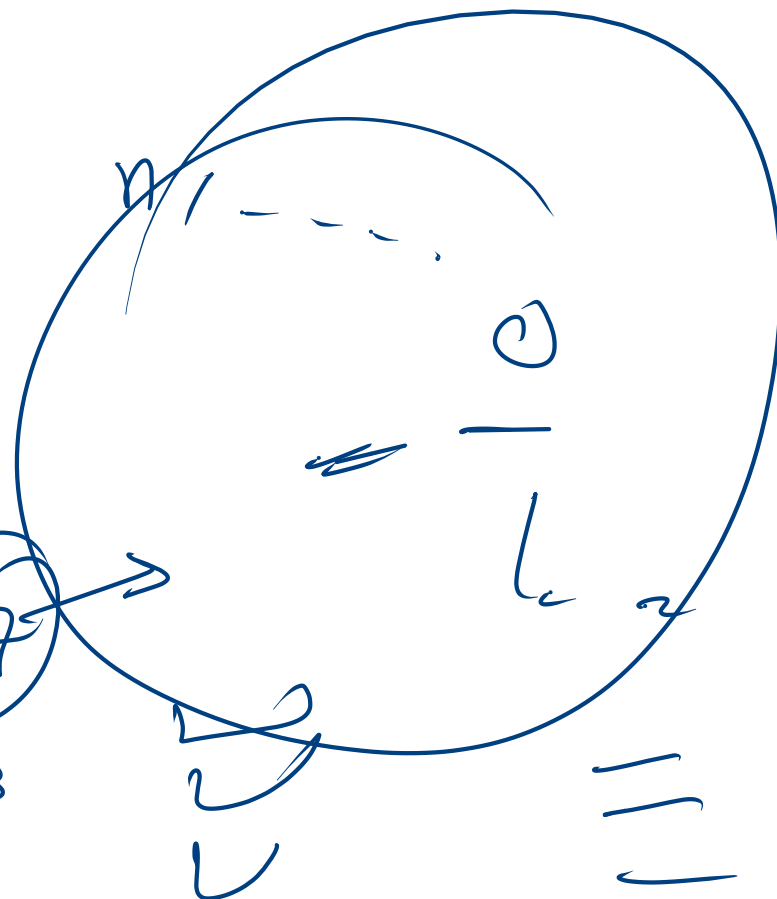
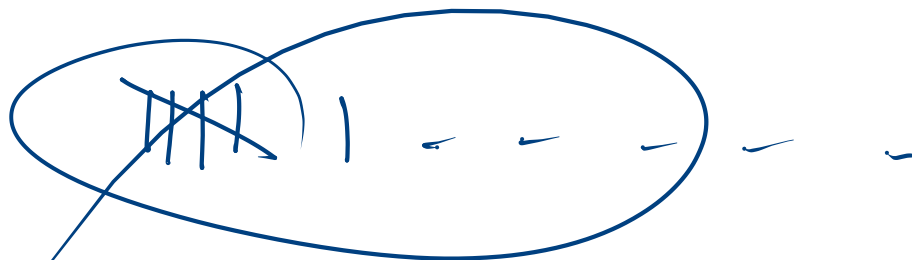
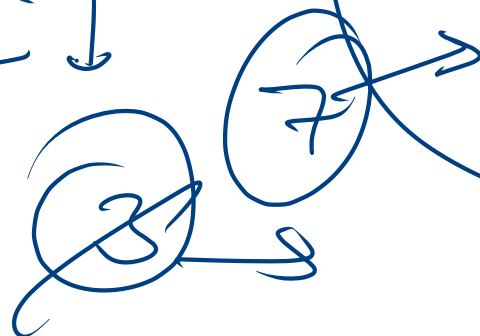
42

~~38~~~~37~~

34

33

30


$$T = \beta \vec{J}$$


~~Q'X2~~

```
public static void main(String[] args) {
    Scanner scn = new Scanner(System.in);
    - int T = scn.nextInt();
    - while(T --> 0) { ← T+1
        int n = scn.nextInt();
        int count = 0;
        while(n > 0) {
            if(n % 2 == 0) n -= 1;
            else n -= 3;

            count ++;
        }
        System.out.println(count);
    }
}
```

~~20~~

~~19~~

16

,

1

1

0

,

10

$$n = 5$$

$$n = \underline{\underline{0}}$$

$$10^5$$

100000

$$10^0$$

$$\hookrightarrow \underline{\underline{1}}$$

}

$$f = \cancel{0} \cancel{1} \cancel{1} 2$$

$$s = \cancel{1} \cancel{2} \cancel{2} 4$$

$$t = \cancel{1} \cancel{2} \cancel{4} 7$$

$$wex = \cancel{2} \cancel{4} 7$$





$$\underline{n=5}$$

$$\rightarrow f = \emptyset \ 1 \ 1 \ 2 \ 4 \ 13$$

$$s = 1 \ 1 \ 2 \ 4 \ 7 \ 13$$

$$t = 1 \ 2 \ 4 \ 7 \ 13 \ 24$$

$$\overline{1111} =$$

$$0 \rightarrow$$

$$1 \rightarrow$$

$$1 \rightarrow$$

$$2 \rightarrow$$

$$4 \rightarrow$$

$$\text{next} = 2 \ 4 \ 7 \ 13 \ 24$$

$$\Rightarrow \text{system} \cdot \text{comp}^{\text{ln}}(\underline{f});$$

$$\underline{n=0 \Rightarrow}$$

$$\boxed{f = \cancel{0} \cancel{1}} \leftarrow$$

$$\boxed{n=1}$$

$$s = \cancel{1} \quad 1$$

$$t = \cancel{1} \quad 2$$

1

fast

$$\leftarrow \left\{ \begin{array}{l} \text{next} = 2 \\ \end{array} \right.$$

fast

sysn , at 1 h (f) ~~h~~

$n^{\text{th}}$  fibonacci

$n = 0$  ✓  
[  $n = 1$  ✓  
 $n = 3$

$$f = 0 \neq 1 \neq 2$$

$$s = 1 \neq 2 \neq 4 \text{ next} = 2 \neq 4 \neq 7$$

$$t = 1 \neq 2 \neq 4 \neq 7$$

$n = 5$

$n \geq 0$

|||

$n^{\text{th}}$   $\Rightarrow$  for (int i=1; i<=n; i++) {  
    next = f + s + t;  
    f = s;  
    s = t;  
    t = next;  
}



0 <sup>th</sup>	0
1 <sup>st</sup>	1
2 <sup>nd</sup>	1
3 <sup>rd</sup>	2
4 <sup>th</sup>	4
5 <sup>th</sup>	7
6 <sup>th</sup>	13
7 <sup>th</sup>	24
...	...