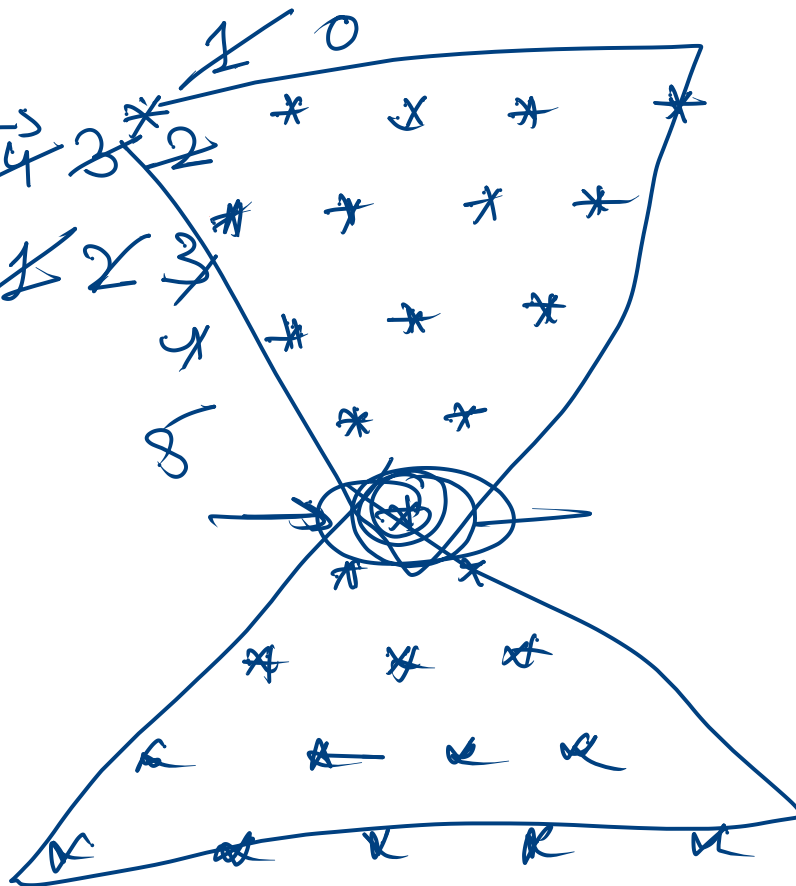


$$= \underline{n=5}$$



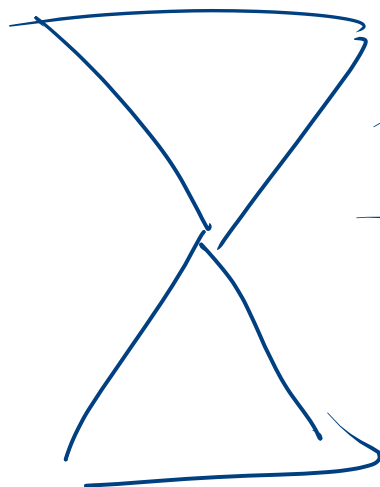
$$nsf = \cancel{0} \cancel{1} \cancel{2} \cancel{3} \cancel{4} \cancel{5} \ast 2$$

$$nst = \cancel{0} \cancel{1} \cancel{2} \cancel{3} \cancel{4} \cancel{5} \cancel{6} \cancel{7}$$



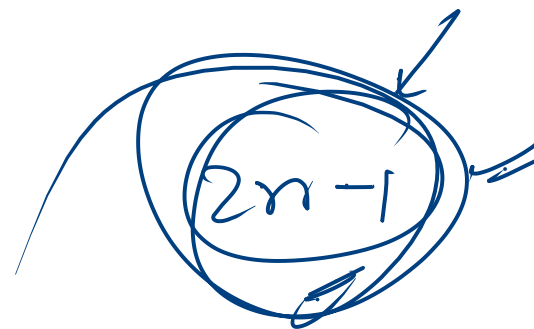
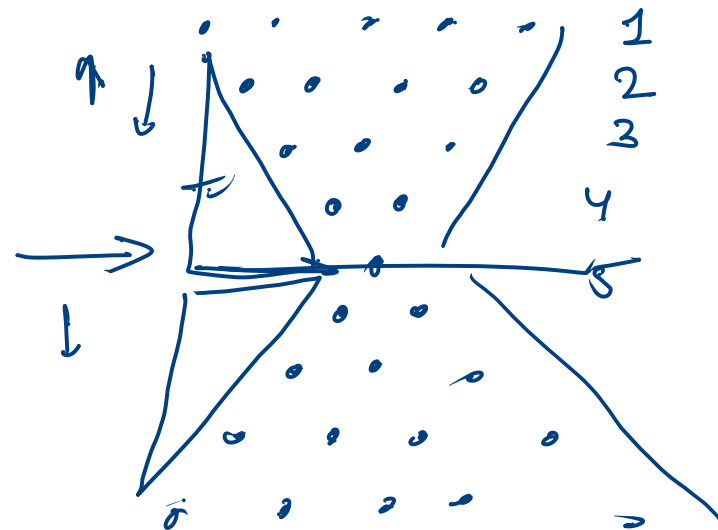
$$\boxed{g_1 \geq n}$$

$$n=5$$



$$g=1$$

$$g_1 \leq 2n-1$$



$$n = 5$$

$$nsp = 0 \quad 1$$

$$nst = 4 \quad 4$$

$$st = 1$$

```

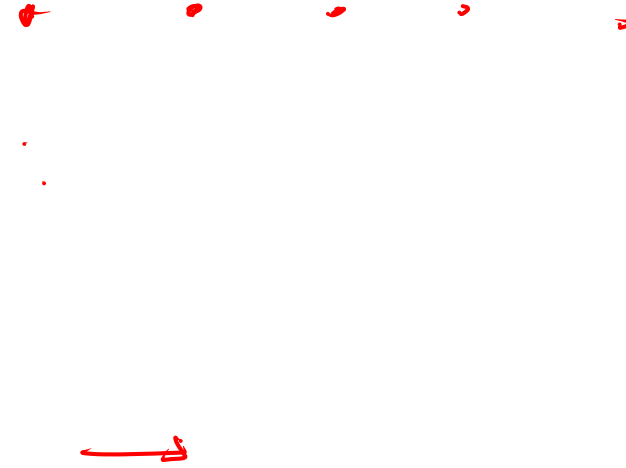
public static void main(String[] args) {
    int n = 10 5;
    int nsp = 0;
    int nst = n;
    for(int r = 1; r <= (2 * n - 1); r++) {
        for(int sp = 1; sp <= nsp; sp++) {
            System.out.print(" ");
        }

        for(int st = 1; st <= nst; st++) {
            System.out.print("*");
        }

        System.out.println();

        if(r < n) {
            nsp++;
            nst--;
        } else {
            nsp--;
            nst++;
        }
    }
}

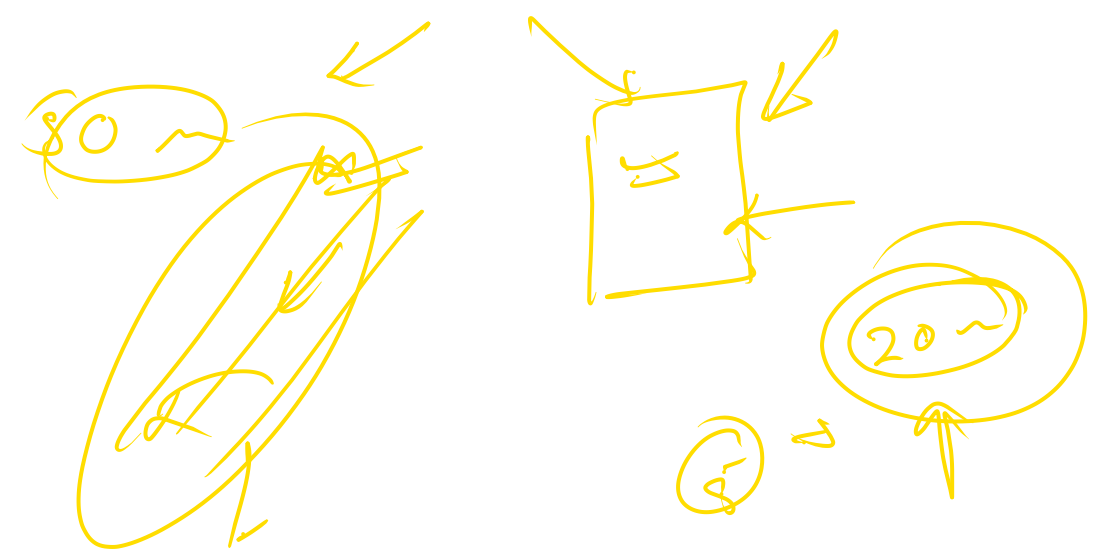
```



$$n = 6 = \rightarrow$$



$$\sum \rightarrow \frac{1}{n} = f \leftarrow$$



$n \Rightarrow \rightarrow$ no of inputs $n = 4$

$\frac{4}{2}$

```
public class Solution {
```

```
    public static void main(String[] args) {
```

```
        Scanner scn = new Scanner(System.in);
```

```
        int n = scn.nextInt();
```

```
        int sum = 0;
```

```
        for(int i = 1; i <= n; i++) {
```

```
            int num = scn.nextInt();
```

```
            sum = sum + num;
```

```
            System.out.print(sum + " ");
```

```
        }
```

```
    }
```

```
}
```

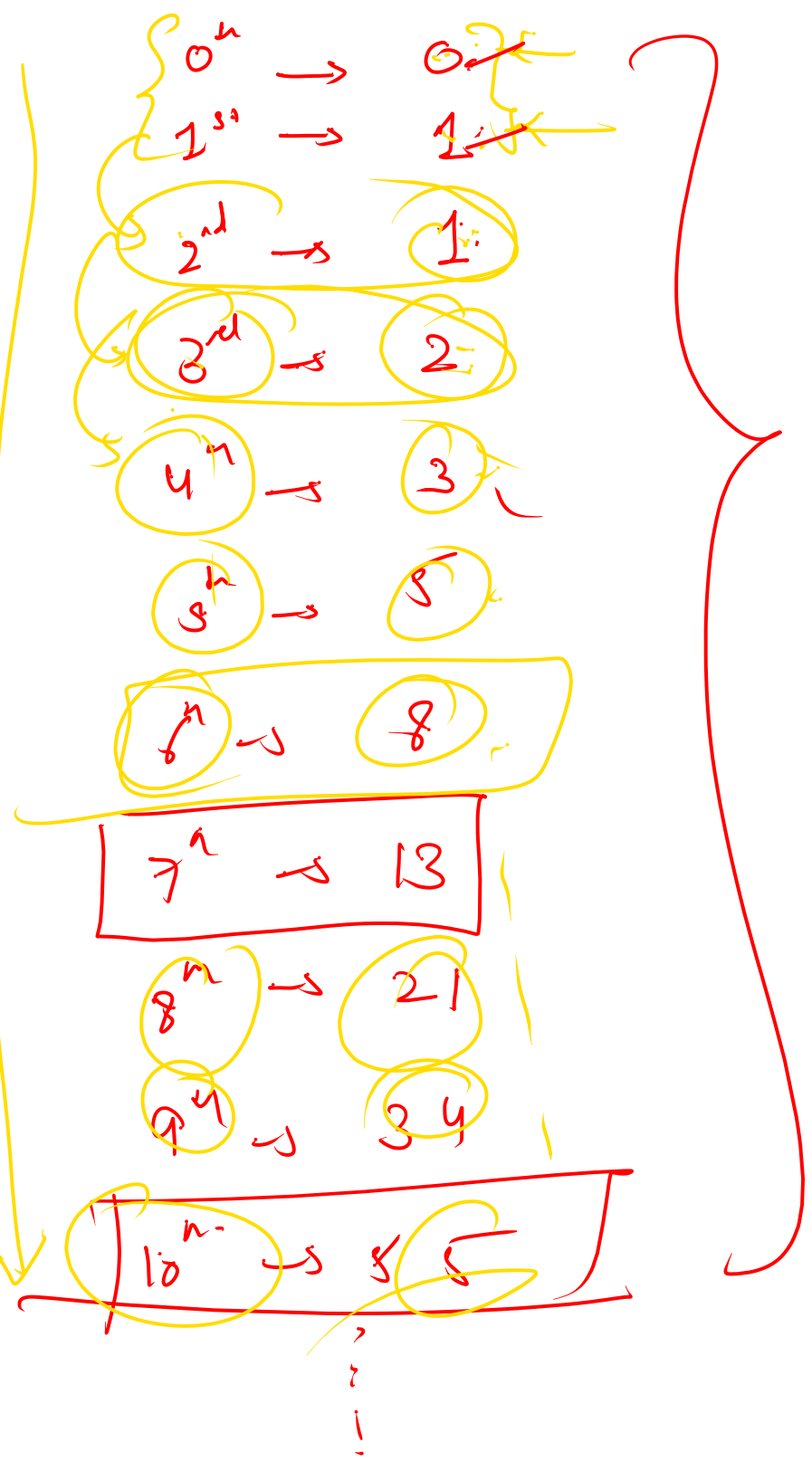
3 max
(4) min

0

5 8 7
n sum num
|||

3 10

{ }
Gly → α

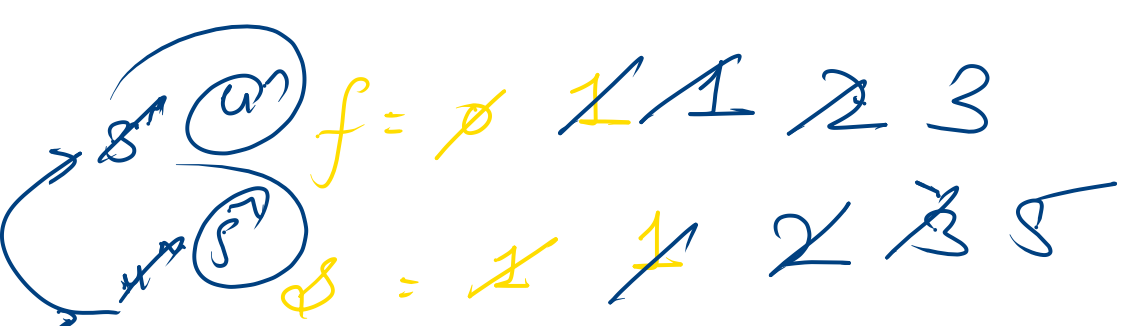


$$n \rightarrow 7$$

$$\textcircled{+8}$$

$$n \rightarrow 10$$

$$\rightarrow 55$$



$n = 6$

$n-1$



$s = next$

~~2nd~~ ~~3rd~~ ~~4th~~ ~~5th~~ ~~6th~~ ~~7th~~ ~~8th~~ ~~9th~~ ~~10th~~ ~~11th~~ ~~12th~~ ~~13th~~ ~~14th~~ ~~15th~~ ~~16th~~ ~~17th~~ ~~18th~~ ~~19th~~ ~~20th~~ ~~21st~~ ~~22nd~~ ~~23rd~~ ~~24th~~ ~~25th~~ ~~26th~~ ~~27th~~ ~~28th~~ ~~29th~~ ~~30th~~ ~~31st~~ ~~32nd~~ ~~33rd~~ ~~34th~~ ~~35th~~ ~~36th~~ ~~37th~~ ~~38th~~ ~~39th~~ ~~40th~~ ~~41st~~ ~~42nd~~ ~~43rd~~ ~~44th~~ ~~45th~~ ~~46th~~ ~~47th~~ ~~48th~~ ~~49th~~ ~~50th~~ ~~51st~~ ~~52nd~~ ~~53rd~~ ~~54th~~ ~~55th~~ ~~56th~~ ~~57th~~ ~~58th~~ ~~59th~~ ~~60th~~ ~~61st~~ ~~62nd~~ ~~63rd~~ ~~64th~~ ~~65th~~ ~~66th~~ ~~67th~~ ~~68th~~ ~~69th~~ ~~70th~~ ~~71st~~ ~~72nd~~ ~~73rd~~ ~~74th~~ ~~75th~~ ~~76th~~ ~~77th~~ ~~78th~~ ~~79th~~ ~~80th~~ ~~81st~~ ~~82nd~~ ~~83rd~~ ~~84th~~ ~~85th~~ ~~86th~~ ~~87th~~ ~~88th~~ ~~89th~~ ~~90th~~ ~~91st~~ ~~92nd~~ ~~93rd~~ ~~94th~~ ~~95th~~ ~~96th~~ ~~97th~~ ~~98th~~ ~~99th~~ ~~100th~~ ~~101st~~ ~~102nd~~ ~~103rd~~ ~~104th~~ ~~105th~~ ~~106th~~ ~~107th~~ ~~108th~~ ~~109th~~ ~~110th~~ ~~111th~~ 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$0 \checkmark$
 $1 \checkmark$
 $n \rightarrow 1 \text{ num}$
 $n \quad 2$
 $n \quad 3$
 $n \quad 5$
 $n \quad 8$

2
 3
 4
 5
 6

0th → 0

1st → 1

2nd → 1

3rd → 2

4th → 3

5th → 5

6th → 8

7th → 13

⋮

⋮

$n \Rightarrow n^{\text{th}}$ fibo ten

$n = 5$

$n = 7$

ways

fibo ten

$$\Rightarrow f = 0$$

$$= s = 1$$

$$next = f + s$$

