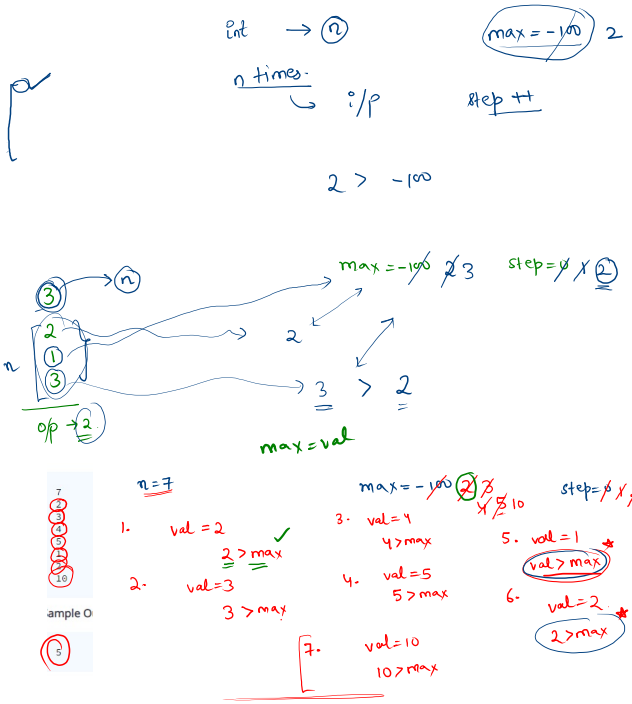
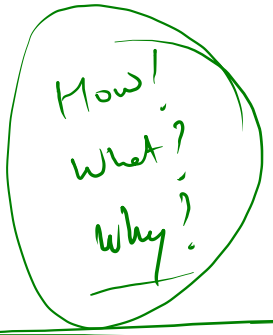
Print steps and update maximum




```java
import java.io.*;
import java.util.*;

public class Solution {

    public static void main(String[] args) {
        Scanner scn = new Scanner(System.in);
        int n = scn.nextInt();

        int i = 1;

        int max = -100;
        int steps = 0;


        while(i <= n){
            int val = scn.nextInt();
            if(val > max){
                max = val;
                steps++;
            }
            i++;
        }
        System.out.println(steps);
    }
}
```

functions.



factorial?

$6! = ?$ $\quad 6 * 5 * 4 * 3 * 2 * 1 = 720$

$5! = 5 * 4 * 3 * 2 * 1 = 120$

$3! = 3 \times 2 \times 1 = 6$

$2! = 2 \times 1 = 2$

$1! = 1$

$0! = 1$

factorial.

$n = 5 \implies 120$

2mins.

$^nC_r = ?$

n r

$^nC_r = \dfrac{n!}{r!(n-r)!}$

$^4C_2 = \dfrac{4!}{2!\ 2!}$ i/p

$= \dfrac{4 \times 3 \times 2 \times 1}{2 \times 1 \times 2 \times 1} = 6$

$\hookrightarrow$ (6)

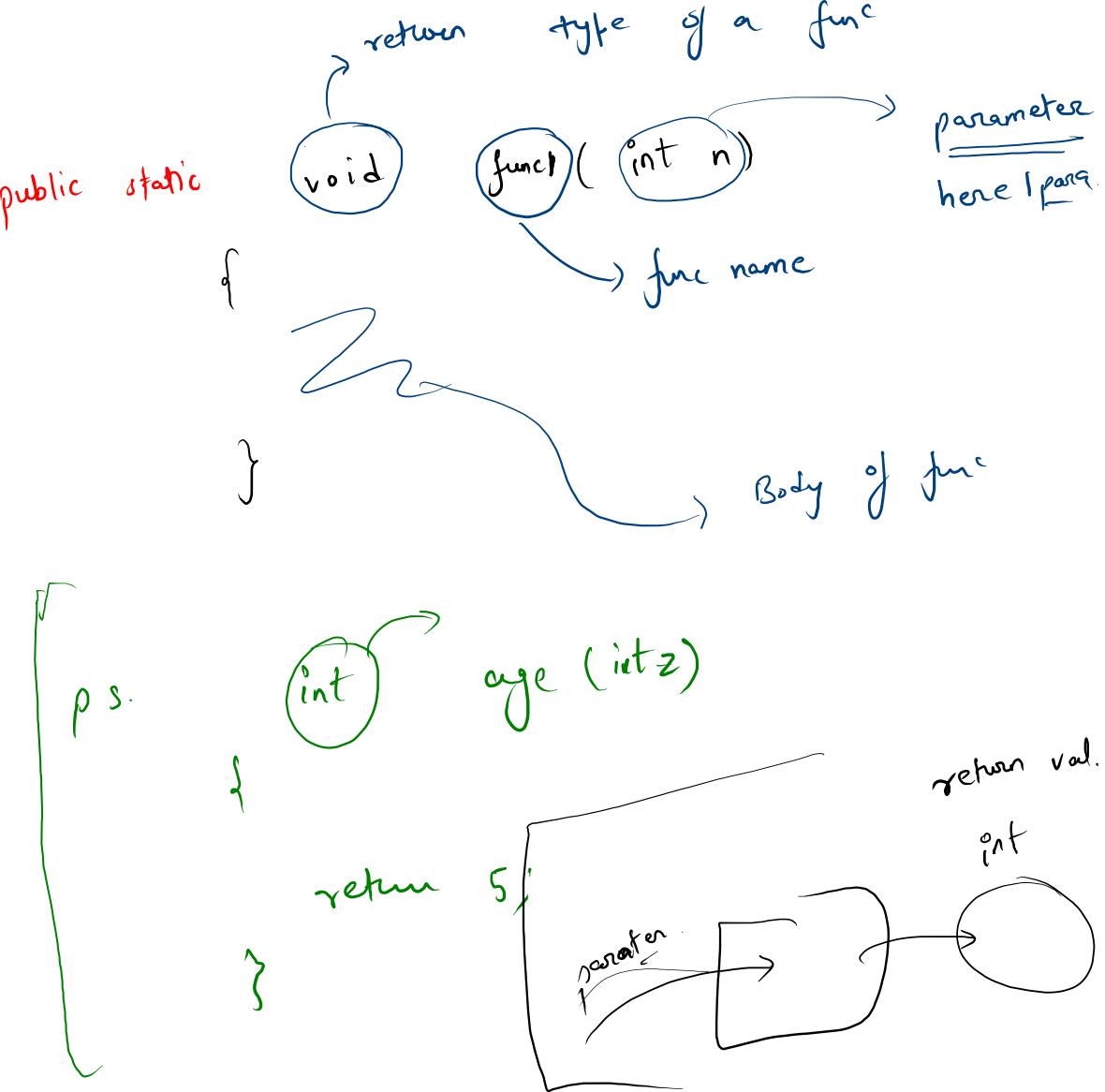
$=$

```java
import java.util.*;
public class Main
{

    public static int factorial(int n){
        int ans = 1;
        for(int i = 1; i <= n; i++){
            ans = ans * i;
        }
        return ans;
    }


    public static void main(String[] args) {
        int n = 4;
        int ans = factorial(n);
        System.out.println(ans);
    }
}
```

int ans = 24;

ans = 1 1 2 6 24

i = 1 2 3 4 5


return type of a func
public static
void
func1
int n
parameter
here I para
func name
{
}
Body of func
p.s.
int
age (int z)
{
return 5;
}
return val.
int
parater