Print nth Tribonacci number

```
public static void main(String[] args) {
    Scanner scn = new Scanner(System.in);
    int n = scn.nextInt();
    if ( n == 0 ) {
      System.out.println(0);
  } else if ( n == 1 ) {
        System.out.println(1);
    } else if ( n == 2 ) {
        System.out.println(1);
    } else {
       int a = 0;
        int b = 1;
        int c = 1;
        for (int i = 3; i <= n; i++) {
sum = a + b + c;
          a = b;
b = c;
            c = sum;
```

System.out.println(sum);

Print all digits from end

$$n = 153242$$
int $sem = n\%.10$
 $n = n/10;$
int $sem = 153242\%.10 = 2$, $n = 153242/10 = 15324 > 0$
int $sem = 15324\%.10 = 4$, $n = 15324\%.10 = 1532 > 0$
int $sem = 1532\%.10 = 2$, $n = 1532\%.10 = 153$ > 0
int $sem = 153$ %.10 = 3, $n = 153$ /10 = 15 > 0
int $sem = 15$ %.10 = 5, $n = 15$ /10 = 1 > 0
int $sem = 15$ %.10 = 5, $n = 15$ /10 = 1 > 0
int $sem = 15$ %.10 = 1, $n = 15$ /10 = 0 ×

```
public static void main(String[] args) {
    Scanner scn = new Scanner(System.in);
    int n = scn.nextInt();
    while ( n > 0 ) {
        int rem = n % 10;
        n = n / 10;
        System.out.println(rem);
    }
}
```

GKSTR46 Number of Digits

$$n = 12345$$

and = 5

$$n > 0$$
, $n = |2345/10$, oligits = 1
 $n > 0$, $n = |234/10$, oligits = 2
 $n > 0$, $n = |23/10$, oligits = 3
 $n > 0$, $n = |2/10$, oligits = 3
 $n > 0$, $n = |2/10$, oligits = 5
 $n > 0$, $n = |1/10$, oligits = 5
 $n > 0$, $x = |1/10$

```
code
```

```
public static void main(String[] args) {
    Scanner scn = new Scanner(System.in);
    int n = scn.nextInt();
    int digit = 0;
  _while ( n > 0 ) {
    n = n / 10;
    digit++;
    System.out.println(digit);
```

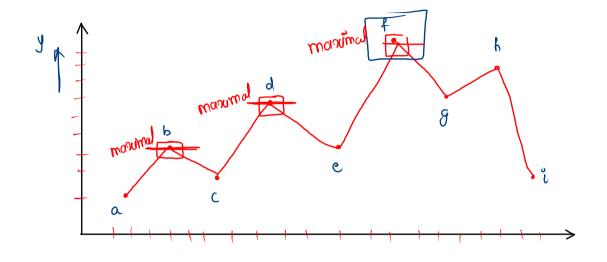
Print total steps when n/2

$$n = 33$$
,
 $n > = 1$, $n = n/2$, $steps = 0$
 $33 > = 1$, $n = 16$, $steps = 1$
 $16 > = 1$, $n = 8$, $steps = 2$
 $8 > = 1$, $n = 4$, $steps = 3$
 $4 > = 1$, $n = 2$, $steps = 4$
 $2 > = 1$, $n = 1$, $steps = 5$
 $3 > = 1$, $n = 0$, $steps = 6$

Colo

```
public static void main(String[] args) {
    Scanner scn = new Scanner(System.in);
    int n = scn.nextInt();
    int steps = 0;
   _while ( n >= 1 ) {
    n = n / 2;
    steps++;
    System.out.println(steps);
```

Print steps and update maximum



```
maximum:- greatest value
maximal:- greatest value till now
```

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

    int count = 0;
    int maximal = -100;
    for (int i = 0; i < n; i++) {
        int num = scn.nextInt();

        if ( num > maximal ) {
            count++;
            maximal = num;
        }

        rum = 7, (7 > 3) \times

        rum = 7,
```

System.out.println(count);