

① `int i=1;`
`while (i ≤ 5) {`
`print(i);`
`i++;`
`}`

`for (int i=1; i ≤ 5; i++) {`
`print(i);`
`}`

~~i = 1 2 3 4 5 6~~ i = 1 2 3 4 5 6

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→ 10 numbers → maximum number

```
int n = scn.nextInt();
int maxNum = Integer.MIN_VALUE;
for (int i = 1; i <= n; i++) {
    int num = scn.nextInt();
    maxNum = Math.max(maxNum, num);
}
```

→ 5
 → -∞
 maxNum = ~~10~~ to 90

6
 -1
 10
 8
 90

② n ← input
 → minimum

Δ → Integer.MAX_VALUE
 Δ = Integer.MIN_VALUE

Math.max(9, 6)
 Math.min(9, 6)
 Math.abs(num) = num
 ↓
num

④ 1 - N
 odd: 1
 even: 2
 odd: 3
 even: 4
 print only even

⑥

```
int n = scn.nextInt();
boolean isEven = scn.nextBoolean();

for (int i = 1; i <= n; i++) {
    if (isEven) {
        if (i % 2 == 0)
            System.out.println("Even: " + i);
    } else {
        if (i % 2 != 0)
            System.out.println("Odd: " + i);
    }
}
```

$n = 10$
 $isEven = false$

$i = \cancel{1} \cancel{2} \cancel{3} \cancel{4} \cancel{5} \cancel{6} \cancel{7} \cancel{8} \cancel{9} \cancel{10} 11$

odd: 1

odd: 3

odd: 5

odd: 7

odd: 9