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

    for(int i =n;i>=1;i--){
        System.out.println(i);
    }
}
```

5

i

5 4 3 2 1 0

0>=1 ✗

output

5
4
3
2
1

Q print n to m where n > m

```
for(int i = n ; i >= m ; i--){
    Syso(i);
}
```

n → 0
n → 1
n → m

} same solution just by reverting termination value

9>=1 ✓

```java
Run | Debug
public static void main(String[] args){
    for(int i =10;i>=1;i--){
        String ans = "5x"+i+"="+i*5;
        System.out.println(ans);
    }
}
```

10 9 8 7 0

10>=1 ✓

ans ⇒ print

5x 10 = 50

5x 9 = 45

5x 8 = 40

⋮

5x 1 = 5

Q Print odd from n to 1

Sol

```
for( int i = n ; i >= 1 ; i-- ){
```

same

if (i%2 == 1){
Syso(i);
}
	if (i%2 != 0){
	syso(i);
	}

}

a%2 → 0 → even; a%2 → 1 → odd

Qu Print $n, n-3, n-6, \ldots$ (1)

$n-0 ; n-3, n-6, n-9 \ldots 1$

$n-3\times0, n-3\times1, n-3\times2, n-3\times3 \ldots 1$

$n = 15$

$n-3$ $n-3$ $n-3$ $n-3$

```
for( i=0 , i<n ; i++){
    int ans = n - 3*i;
    if(ans>0){
        syso(ans);
    }
}
```

$i = 0 \to 1 \to 2$

ans: 15 → 12 → 9

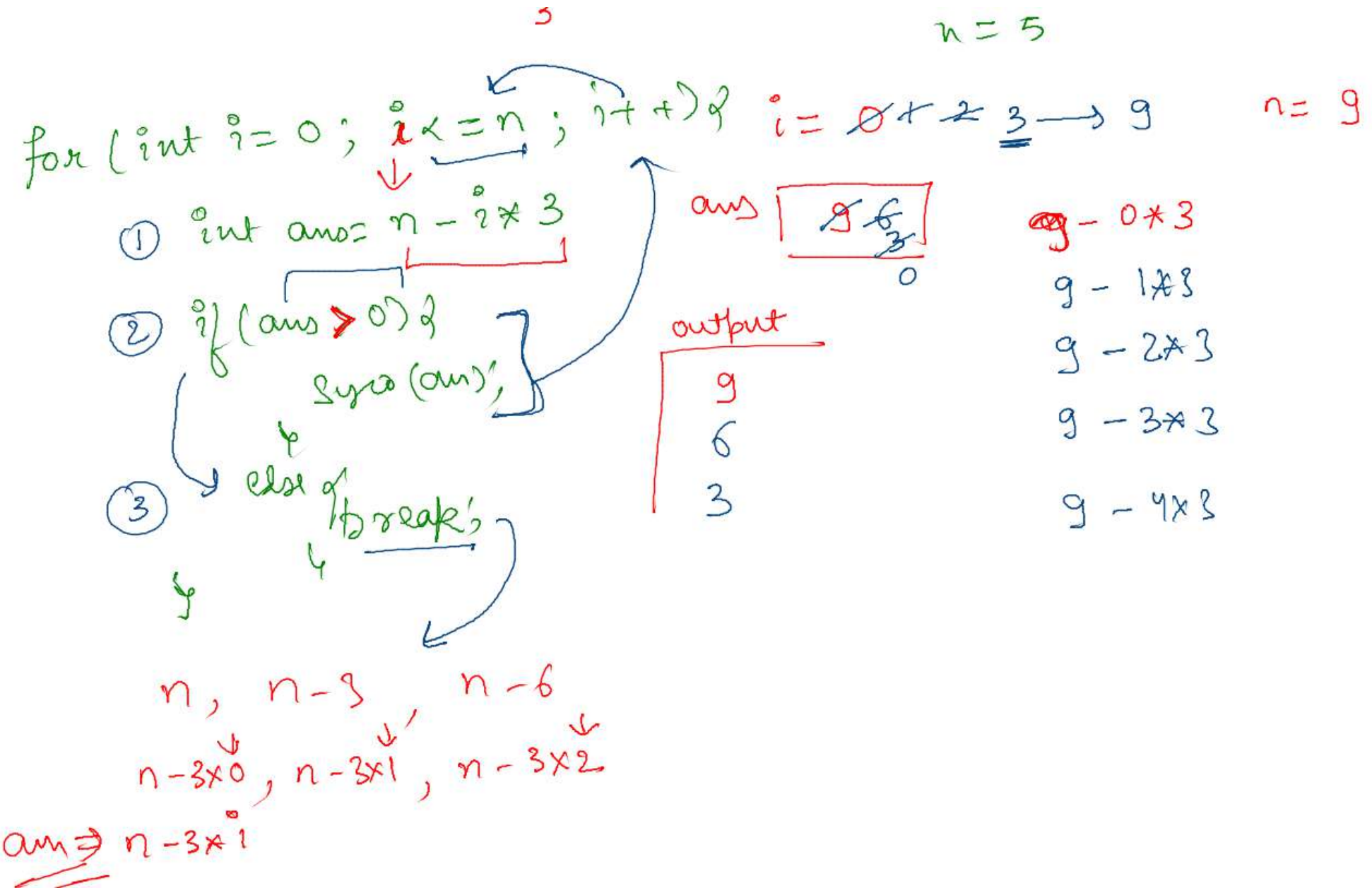
$15-3\times0=15$

$15-3\times1=12$

$15-3\times2=9$

15
12
9
⋮
3

$n = 5$


n = 5
for (int i = 0; i <= n ; i++) {
i = 0 + 2 3 → 9
n = 9
① int ans = n - i * 3
② if (ans > 0) {
Sysa (ans);
}
③ else {
break;
}
ans
9 6 3
0
output
9
6
3
9 - 0*3
9 - 1*3
9 - 2*3
9 - 3*3
9 - 4*3
n, n-3, n-6
n-3x0, n-3x1, n-3x2
ans ⇒ n - 3*i

15 12 9 6 3

15-0 15-3 15-6 15-9 15-12

15-3*0 15-3*1 15-3*2 15-3*3 15-3*4

i i i i i

ans = 15 - 3*i

ans = n - 3*i

```
for(i=0; i<n; i++){
    int ans = n-3*i;
    if(ans>0){
        syso(ans);
    }
}
```

n → Starting value

a b c d e f - - - - z

97 98 99 100

n - k*i

i

97+1 = 98

ans = 'a' + 1*1

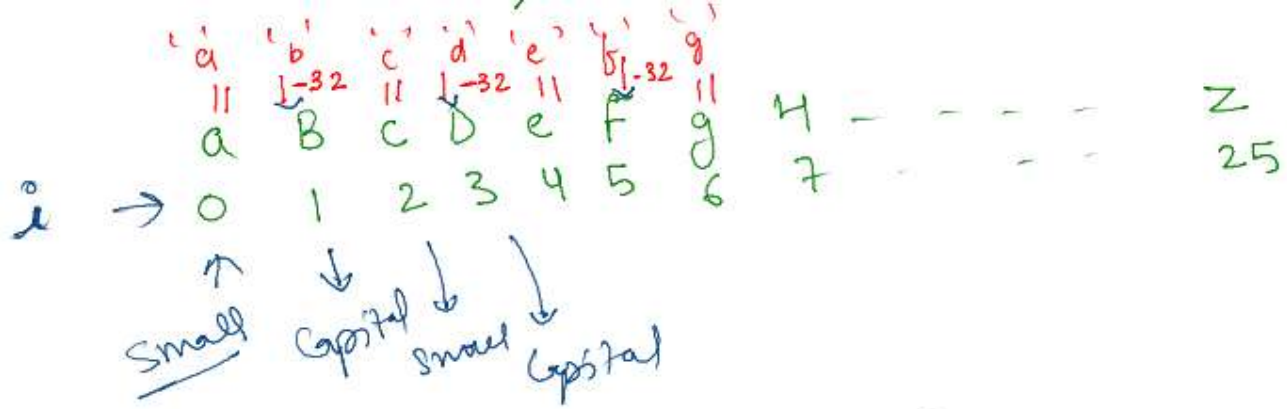
= (char) ('a'+1)

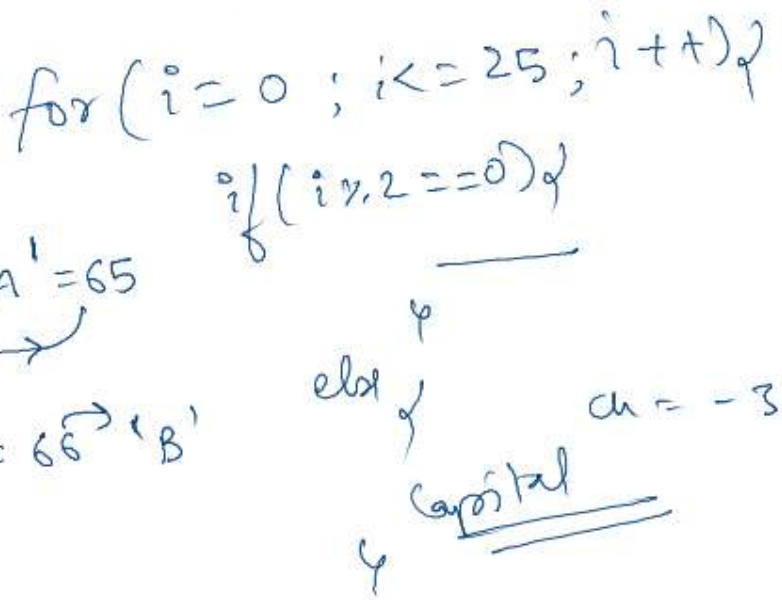
= b

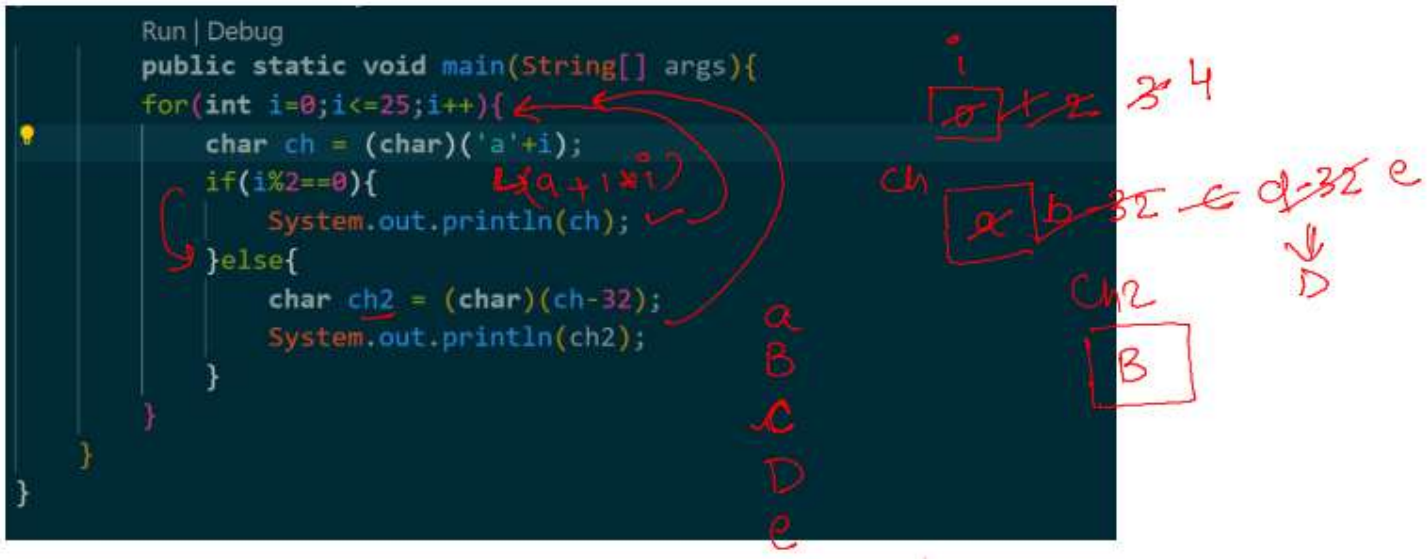
syso.

Starting value, diff. → varies

n - k*i


'a' 'b' 'c' 'd' 'e' 'f' 'g'
-32 -32 -32
a B c D e f g
i → 0 1 2 3 4 5 6
Small Capital Small Capital


for(i=0; i<=25; i++){
if(i%2==0){
}
else{
ch = -32
Capital
}
'a' = 97 'A' = 65
-32
'b' = '98' - 32 = 66 'B'


Run | Debug
public static void main(String[] args){
for(int i=0;i<=25;i++){
char ch = (char)('a'+i);
if(i%2==0){
System.out.println(ch);
}else{
char ch2 = (char)(ch-32);
System.out.println(ch2);
}
}
}
}
i
ch
Ch2
B
a
B
C
D
e

even print

```
public class Solution {

    public static void main(String[] args) {
        Scanner scn = new Scanner(System.in);
        int n = scn.nextInt();
        for(int i=0;i<=n;i++){
            if(i%2==0){
                System.out.println(i);
            }
        }
        /* Enter your code here. Read input from STDIN. Print output to STD
    }
```

(char) (c-2) (99-2)

97 → a

(char) (ch - 2)

(char) (ch+2)