Print n/3 -> from n to 0 by /3

$$ent = 29$$

```
\tilde{c} = 29, (29 > 0) \checkmark
public static void main(String[] args) {
    Scanner scn = new Scanner(System.in);
                                                 i=9, (9>0) V
  int n = scn.nextInt();
                                                 \tilde{l} = 3, (3 > 0) \checkmark
 for (int i = n; i > 0; i = i / 3) {
    System.out.print(i + " ");
}
                                                 \ddot{c} = 1, (1 > 0)
                                                 X(0 < 0)
                 29 9 3 1
```

Print powers of 2 less than n

Multiples of 3, 5 and Both 3 and 5

```
6/p:-3,5,6,9,10,12,15,18,20
G from 1 to n by +1
              public static void main(String[] args) {
                    Scanner scn = new Scanner(System.in);
                    int n = scn.nextInt();
                    for (int i = 1; i <= n; i++) {
                  if (i % 3 == 0 && i % 5 == 0) {
    System.out.print(i + " ");
    else if ( i % 3 == 0 ) {
        System.out.print(i + " ");
    else if ( i % 5 == 0 ) {
        System.out.print(i + " ");
    }
}
```

=> While loop initialization while (condition) {

// Statement

upgradation

- y



```
int i=0

while (i <= 10) f

// Statement

i++
for (int i=0; i<=10; i++){

// Statement
```

Print 0 to n

```
public static void main(String[] args) {
→ Scanner scn = new Scanner(System.in);
→ int n = scn.nextInt();
\rightarrowint i = 0;
   while (<u>i <= n</u>) {

System.out.println(i);

i++;
```

$$i = 0$$
, $(0 <= 5)$ $(1 <= 5)$ $(1 <= 5)$ $(1 <= 5)$ $(2 <= 5)$ $(3 <= 5)$ $(3 <= 5)$ $(4 <= 5)$

i=5, (5<=5) V

i=6, $(6 <= 5) \times$

Printing 5 to N(While Loop)

```
6) from 5 to N by +1
```

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

    int i = 5;
    while (i <= n) {
        System.out.println(i);
        i++;
    }
}</pre>
```

do while loop (it will always sun) initialization // Statement

upgradation

- z while (condition);



int i= 10 ; Joseph Jo