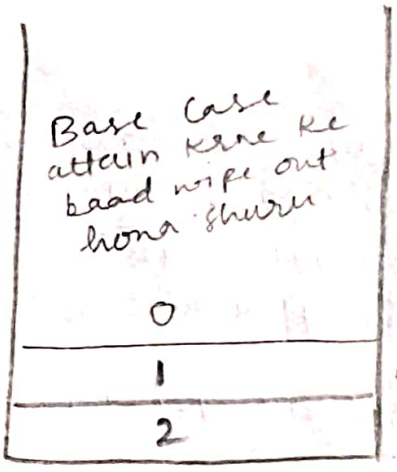
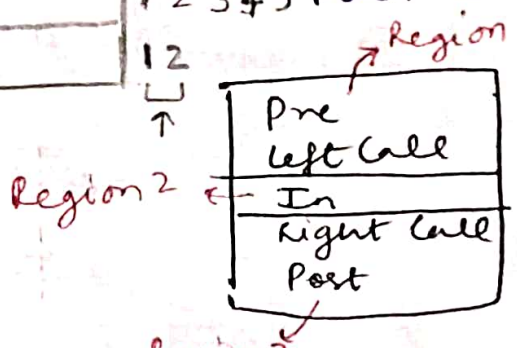
ZIG-ZAG PRINTING ★

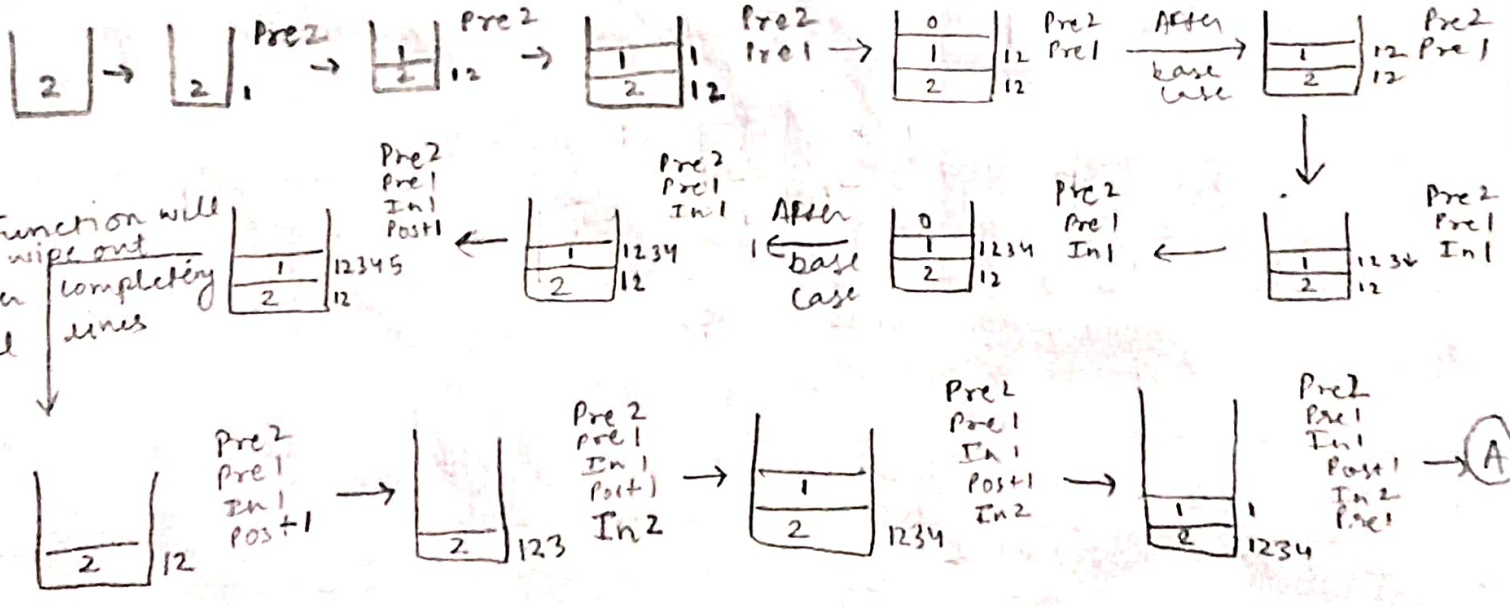
- ESSA RECURSION JISME TWO CALLS LAGAI JATI HAI!
- JAb ek call hoti hai tab CODE (2) REGION ME Bat jata hai! Call se pheley wala, call se baad wala!
  - ★ Call Ke pheley wala upar jaty huay chalta hai!
  - ★ Call Ke baad wala nichay atty huay chalta hai!

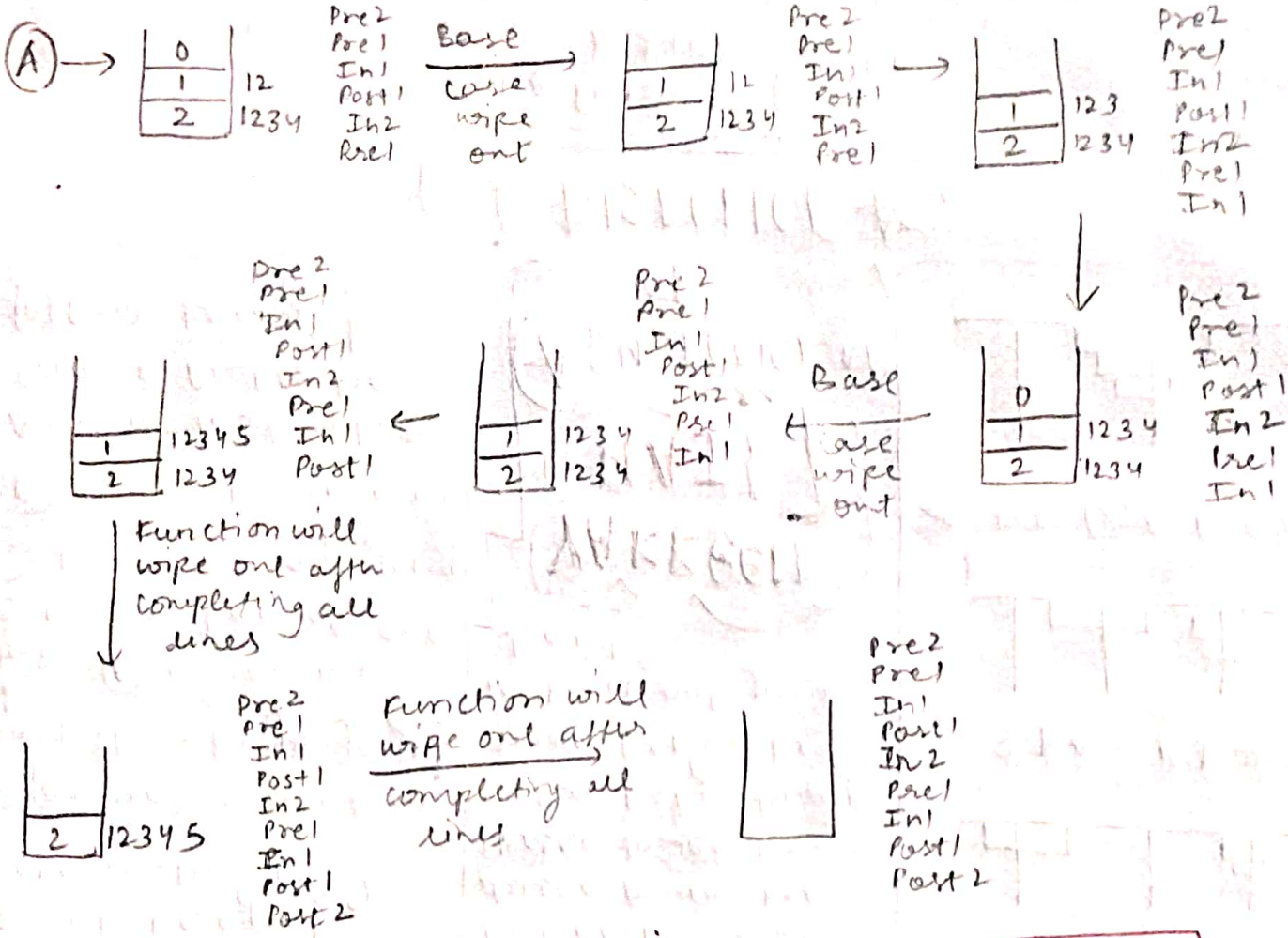
```
p s v m(s[]a){
Scanner s = new Scanner(System.in);
int n = s.nextInt();
pzz(n);
}
p s v pzz(int n){
 if(n==0)
    return;                    ] Base case
 Syso("Pre" + n); (1)          ] Pre
 pzz(n-1); (2) //call (left)
 Syso("In" + n); (3)           ] In
 pzz(n-1); (4) //call (right
 Syso("Post" + n); (5)         ] Post
}
```

OUTPUT:
Pre 2
Pre 1
In 1
Post 1
In 2
Pre 1
In 1
Post 1
1 2 3 4 5 Post 2

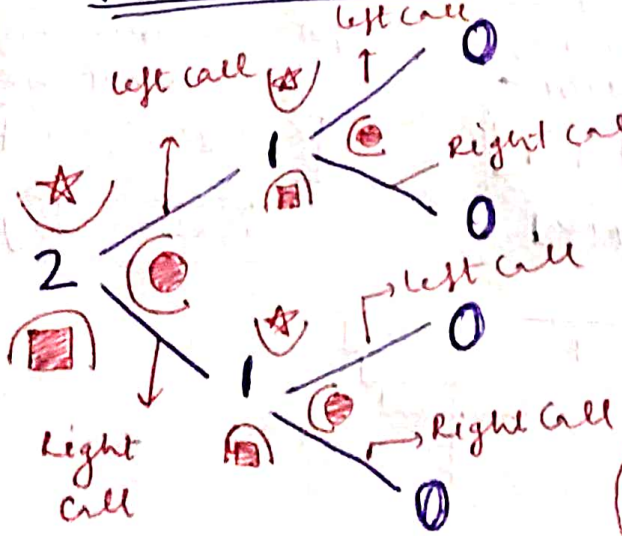


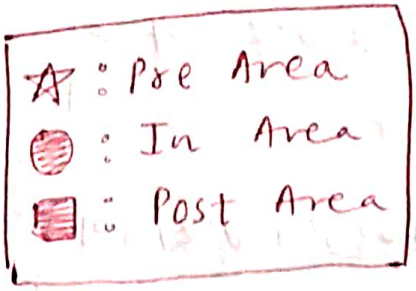


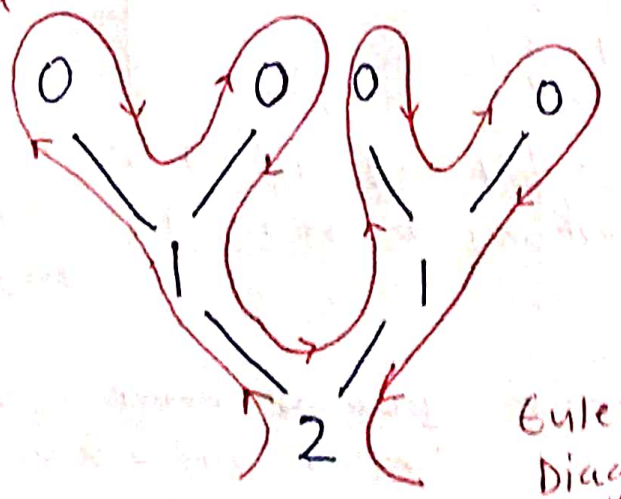




Efficient Way of Analysis







Euler Diagram