DISPLAY ARRAY REVERSE FUNCTION

da (arr, 0) → 0 agar pass kiya! → toh isska kaam hai end se 0 tak print krna

10	20	30	40	50
0	1	2	3	4

index →

Input

→ output :
50
40
30
20
10

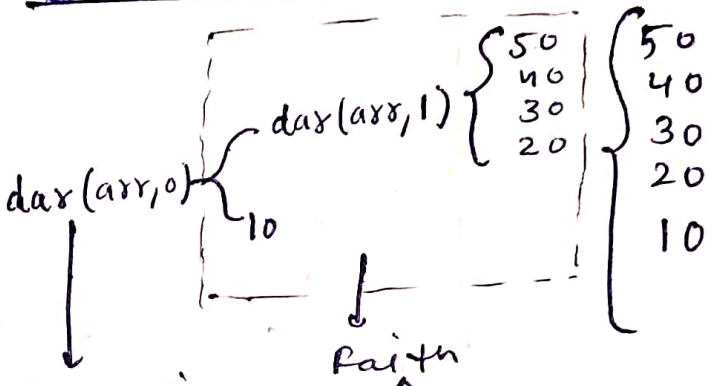
Expectation

dar(arr,0) { 50, 40, 30, 20, 10

Faith

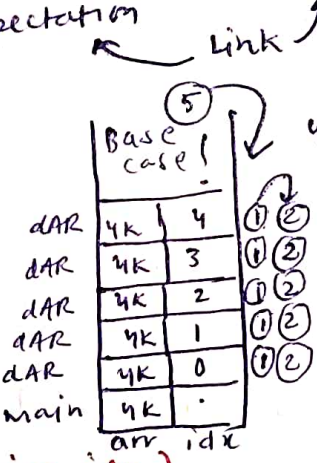
dar(arr,1) { 50, 40, 30, 20

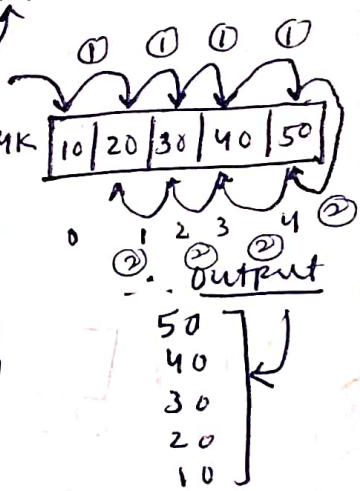
Expectation meet Faith




```
p s v m (S [] a){
Scanner s = new Scanner (System.in);
 int n = s.nextInt();
 int [] arr = new int [n];
 for (int i = 0; i < arr.length; i++){
    arr [i] = s.nextInt();
 }
 displayArrReverse(arr, 0);
}

p s v displayArrReverse (int [] arr, int idx)
{
 if (idx == arr.length) return ; // Base case
 displayArrReverse (arr, idx+1); (1)
  System.out.println (arr[idx]); (2)
 }
}
```





Time Complexity : O(n) ⇔ n * O(1)

Space Complexity : O(n)