0	1	2	3	4
10	20	30	40	50

After Rev.

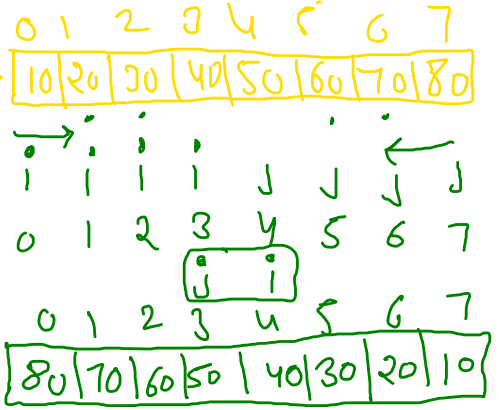
50	40	30	20	10

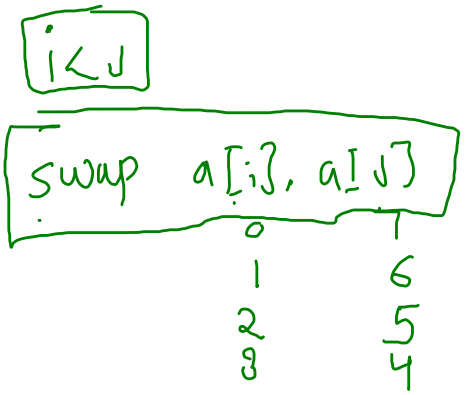
Array Reversing: Storing array elements in reverse order, the first element become last and last element become first element, second last will become second element and vice versa

No extra array.

In place reversing

Time complexity $O(n/2)$






```
i=0;
j=SIZE-1;

while(i<j)
{   t=a[i];
    a[i]=a[j];
    a[j]=t;
    i++; j--;
}
```

step 1: start
step 2: set i=0
step 3: set j=SIZE-1
step 4: repeat 5,6,7 while i<j
step 5: swap(arr[i], arr[j])
step 6: set i=i+1
step 7: set j=j-1
step 8: end