Ques

0	1	2	3	4	5	6	7
2	1	7	8	5	4	1	6

Sum of array ⇒ 34

```
int sum = 0;
for(int i = 0 ; i < arr.length; i++) {
    sum += arr[i];
}
return sum;
```

Sum	i
0	0
~~0~~ 2	1
~~2~~ 5	2
10	

Ques Max of array

5	7	1	6	2	4

⇒ 7

```
int max = -∞
for(int i = 0; i < arr.length ; i++) {
    if (arr[i] > max) {
        max = arr[i];
    }
}
```

max = ~~-∞~~ ~~5~~ 7

Ques Min

Ques Span of array ⇒ diff b/w max and min element

-7	-1	-4	-3	-10	-2

⇒ 9

10 − (−1)
⇒ 11

−1 − (−10)
−1 + 10 ⇒ 9

Ques Sum of elements at odd indexes

0	1	2	3	4	5
5	2	4	8	1	9

⇒ 19

```
for(int i=0; i<arr.length
        i++) {
    if(i%2==1)
        sum+=arr[i];
}
```

```
for(i=1; i<arr.length; i+=2){
    sum+=arr[i]
}
```

Ques Sum of element at even index

Ques check if element is repeated

1	5	4	2	5	1	7

n = 5

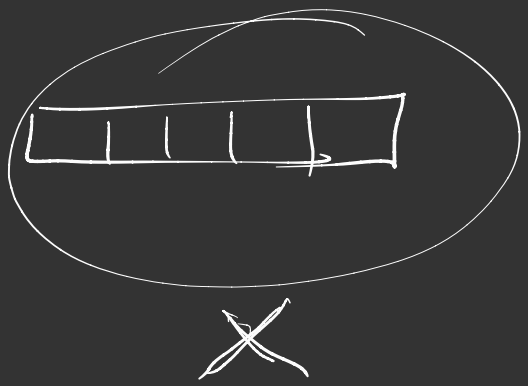
count = 0 X 2

Ques Reverse array

1	2	4	7	9	3

⇒

3	9	7	4	2	1



0	1	2	3	4	5
~~1~~ 3	~~2~~ 9	~~4~~ 7	~~7~~ 4	~~9~~ 2	~~3~~ 1

l r

0	1	2	3	4
~~1~~ 5	~~2~~ 4	3	~~4~~ 2	~~5~~ 1

l r

```
int a = 10;
int b = 20;
int t = a;
a = b;
b = t;
```

a = ~~10~~ 20
b = ~~20~~ 10
t = 10

```
a = a + b;
b = a - b;
a = a - b;
```

```
int arr = {1, 2, 3, 4}
reverse(arr)
```