* 1929. Concatenation of array:-

nums = [1, 2, 1]

O|p = [1, 2, 1, 1, 2, 1]

→ We need to create a new array & return it.

* Bruteforce :-

→ Create result array of size 2 × nums.length.

→ Loop once to add the elements once.

→ Create another loop having starting index as nums.length & the again add the elements to the result array.

Time complexity :- O(N)   Space complexity :- O(1)

* Cleaner code :-

```
int n = nums.length;
int[] result = new int [2*n];
for (int i=0 ; i<n ; i++) {
    result [i] = nums [i];
    result [i+n) = nums [i];
}
```

Time complexity :- O(N)

Space complexity :- O(1)

* Mathematical approach (Only smart coders can come up with this)

```
result [i] = nums [i % n];
```

Time complexity :- O(N)

Space complexity :- O(1)