

# Understanding the problem statement

Given an array such that  $1 \leq arr[i]$

## Approach

1. Traverse the array and make number at index i in array arr[i] negative if it is not negative.
2. while iterating if you already find the number negative, print index i as duplicate.

## Implementation

```
In [3]: def printRepeating(arr,size):  
        for i in range(size):  
            if arr[abs(arr[i])] > 0:  
                arr[abs(arr[i])] = -arr[abs(arr[i])]  
            else:  
                print(abs(arr[i]),end=" ")
```

```
In [4]: arr = [1,2,2,4,4,3]  
        size = len(arr)  
        printRepeating(arr,size)  
        # ans  
        # 2 4
```

2 4

```
In [5]: arr = [1,2,3,2,4,4,3]  
        size = len(arr)  
        printRepeating(arr,size)  
        # ans  
        # 2 4 3
```

2 4 3

This program does not handle zeros and negative cases. zero can be handled by making little modifications to program

```
In [ ]:
```