

# Array\_Level2\_001

You are given an array of 0s and 1s in random order. Segregate 0s on left side and 1s on right side of the array. Traverse array only once.

## Input Format

Input will have array elements

## Constraints

$1 \leq \text{array\_size} \leq 10000$

## Output Format

print the altered array

## Sample Input 0

```
6
0 1 0 1 1 1
```

## Sample Output 0

```
0 0 1 1 1 1
```