kth_in_range

given array of n element for each query find k-th element in range [l, r]

input:

first line get n <= 300'000 and second line get list of n element

third line get q <= 300'000 and next q line get l, r, kth represent query kth in range [l, r]

output:

have q line represent answer for each query

example input:
```
6
2 4 1 3 3 5
8
1 1 1
1 3 1
1 6 1
1 6 3
1 6 4
1 6 5
2 5 1
2 5 4
```
example output:
```
2
1
1
3
3
4
1
4
```