

## count\_unique

count how many unique number in range  $[l, r]$

### input:

first line get  $1 \leq n, q \leq 2,000,000$

second line get  $n$  number for an array ( $1 \leq v_i \leq 50,000$ )

next  $q$  line get interval  $l, r$  mean query in range  $[l, r]$

### output:

each line is answer of query

sample input:

5 4

3 2 1 4 1

1 1

3 4

3 5

1 5

sample output:

1

2

2

4