

Equivalent Subarrays

3 5 3 1 2 4 2 3 5 2 1

3-1

5-1

2-2

1-1

unique : 5

Count = 6 + 6 + 3
3 + 1 + 1

equivalent subarray

3. A subarray is equivalent if,
count of unique integers in the subarray = count of unique integers in the given array.

Smallest Subarray With All Occurrences Of The Most Frequent Element

8
4 1 1 2 2 1 3 3

4 1 1 2 2 1 3 3
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mfe = 1

st = 1

et = 5

1 → 3

1 is the
most frequent
elements.

3_0 4_1 1_2 1_3 2_4 2_5 1_6 2_7 3_8 3_9 4_{10}

Jo \rightarrow $3 - 0$
 first occ. $4 - 1$
 $1 - 2$
 $2 - 4$

Jo \rightarrow $3 - 9$
 last occ. $4 - 10$
 $1 - 6$
 $2 - 7$

$1 - 3$
 $2 - 3$
 $3 - 3$
 $4 - 2$

jmap

3 ans \rightarrow $9 - 0 + 1 \rightarrow 10$
 \times 4 ans \rightarrow $10 - 1 + 1 \rightarrow 10$
 1 ans \rightarrow $6 - 2 + 1 \rightarrow 5$
 2 ans \rightarrow $7 - 4 + 1 \rightarrow 4$

$ans = \frac{10}{5}$
 4