

Approach

The Idea is Create Suffix and Prefix Array with no of unique char Til That position [For That we can use Unordered set.

Then compare Prefix[i-1] with suffix[i] Here i denote each index of both array

Let's check an example to understand It better

```
input = "acbadbaada"
```

```
" a c b a d b a a d a "
```

```
Pre Array = [1, 2, 3, 3, 4, 4, 4, 4, 4, 4] ==>Pre_Array[pos] represent no of unique char til that point
```

```
Suff Array = [4, 4, 3, 3, 3, 3, 2, 2, 2, 1] ==>Suff_Array[pos] represent no of unique char til that point count from backwards
```

```
index    0 1 2 3 4 5 6 7 8 9
```

```
Here Pre_Array[2] == suff_Array[3] and Pre_Array[3] == suff_Array[4]
```

Hence answer would be = 2