Serena and Flowers

Serena has a garden with N flower pots arranged in a row. Every morning she walks through the row and plucks flowers. She targets to visit the first K pots in the row.

Find the number of different flowers that Serena would pluck on a single walk through the K pots.

Input Specification:

input1: N number of flower pots in Serena's garden

input2: K number of pots Serena visits on her walk

input3: An array containing pot index P_i to represent each pot by unique numbers (1 <= P_i <= 1000), pots having the same flower will have the same pot index

Output Specification:

Your function should return the number of different flowers plucked by Serena

Example 1:

```
input1 : 5

input2 : 3

input3 : (1, 1, 2, 1, 5)

Output : 2
```

Explanation: Till the 3rd pot, Serena could only 2 distinct flowers (1, 2)

Example 2:

```
input1 : 10

input2 : 7

input3 : (2, 1, 2, 1, 3, 1, 4, 5, 6, 1)

Output : 4
```

Explanation: Till the 7th pot, Serena could find only 4 distinct flowers (1, 2, 3, 4)