Question:1

Given an array of pairs, find all symmetric pairs in it (Use Hashing technique).

Two pairs (a, b) and (c, d) are said to be symmetric if c is equal to b and a is equal to d. For example, (10, 20) and (20, 10) are symmetric. Given an array of pairs find all symmetric pairs in it.

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Input: arr[] = {{11, 20}, {30, 40}, {5, 10}, {40, 30}, {10, 5}}
Output: Following pairs have symmetric pairs
        (30, 40)
        (5, 10)
```

Question:2

Return the first element occurring k times in an array(Use Hashing Technique).

Given an array of n integers. The task is to find the first element that occurs k number of times. If no element occurs k times the print -1. The distribution of integer elements could be in any range.

***Input**: {1, 7, 4, 3, 4, 8, 7},*

k = 2

***Output**: 7*

*Both **7** and **4** occur 2 times.*

*But **7** is the first that occurs 2 times.*

***Input**: {4, 1, 6, 1, 6, 4},*
k = 1
***Output**: -1*