Question:1

Write a program to find the most frequent element in an array(Use Hashing Technique).

```
Input : arr[] = {1, 3, 2, 1, 4, 1}
Output : 1
1 appears three times in array which
is maximum frequency.

Input : arr[] = {10, 20, 10, 20, 30, 20, 20}
Output : 20
```

Question:2

Write a program to sort elements by frequency(Use Hashing Technique).

Print the elements of an array in the decreasing frequency if 2 numbers have the same frequency then print the one which came first.

```
Input:  arr[] = {2, 5, 2, 8, 5, 6, 8, 8}
Output: arr[] = {8, 8, 8, 2, 2, 5, 5, 6}

Input: arr[] = {2, 5, 2, 6, -1, 9999999, 5, 8, 8, 8}
Output: arr[] = {8, 8, 8, 2, 2, 5, 5, 6, -1, 9999999}
```

Question:3

Write a program to find any one of the multiple repeating elements in the read only array(Use Hashing Technique).

Given a read only array of size (n+1), find one of the multiple repeating elements in the array where the array contains integers only between 1 and n.

```
Input : n = 5
        arr[] = {1, 1, 2, 3, 5, 4}
```

Output : One of the numbers repeated in the array is: 1

Input : n = 10
        arr[] = {10, 1, 2, 3, 5, 4, 9, 8, 5, 6, 4}
Output : One of the numbers repeated in the array is: 4 OR 5