

This program is designed to find the mode of an array.

Set Function Header to accept an array and its size and to be able to return a vector

```
vector<int> findMode(int array, int size)
```

Create for loop that iterates through the loop for every element in the array

Initialize two arrays the first called values, the second called count.

Every time the loop iterates, check to see if the element is in values

if not add it to values array, and increase count by one add it to the count array in the same index.

if it is already in the values array, simply add one to the count array that is in the same index.

Create another for loop that loops through count array.

find the largest number in the array, every time that number is found push the number in the values array with the same index value and push it to a vector.

Sort the vector and return it.