

Q-1

```
import java.util.*;
public class Question1 {

    public static int occurence(String arr[],String key) {
        Map<String,Integer> map=new HashMap<>();

        for(int i=0;i<arr.length;i++) {
            if(map.containsKey(arr[i])) {
                map.put(arr[i],map.get(arr[i])+1);
            }else {
                map.put(arr[i],1);
            }
        }

        return map.get(key);
    }

    public static void main(String[] args) {
        // TODO Auto-generated method stub
        String arr[]={ "A", "B", "C", "D", "E", "F", "F", "G", "A" };
        String key="A";

        System.out.println("Occurrence of "+key+" is "+occurence(arr,
key));
    }
}
```

Q-2

```
public class Question2 {

    public static int[] uniqueArray(int arr[]) {

        int duplicateArr[] = new int[arr.length];
        int index=0;
        int duplicattidx=0;

        for(int i=0;i<arr.length;i++) {
            boolean isDuplicate=false;

            for(int j=0;j<index;j++) {
                if(arr[i]==arr[j])
                {
                    isDuplicate=true;
                    break;
                }
            }

            if(!isDuplicate)
                arr[index++]=arr[i];
            else
                duplicateArr[duplicattidx++]=arr[i];
        }
    }
}
```

```
        for(int i=0;i<duplicateIdx;i++) {
            arr[index++]=duplicateArr[i];
        }

        return arr;
    }

    public static void main(String[] args) {
        // TODO Auto-generated method stub

        int arr[] = {58,26,91,26,70,70,91,58,58,58,66};

        int res[] = uniqueArray(arr);

        for(int num:res)
            System.out.print(num+" ");
    }
}
```