

# Engineering Animuthyam

## Java DSA – Course Part -15

### HashMap

Course Link:

<https://www.youtube.com/playlist?list=PLjzLBp9HHZWWhVXBSPS1VqxXXDoVk07gd9>

Website Link:

<https://www.vigneshreddyjulakanti.in/>

Hello machas, Bagunnara.

**Animuthyam ki oka problem ochindhi**

Animuthyam degara oka array lo numbers unai ayithe,

Ae number eni times undhi ani chepali animuthyam.

[1, 5, 8, 0, 1, 8, 1, 5, 1]

1 -> 4

5-> 2

8 -> 2

0 - > 1

## HashMap

```
import java.util.HashMap;
class HelloWorld {
    public static void main(String[] args) {
        HashMap <Integer,Integer> dici=new HashMap<>();
    }
}
```

```
import java.util.HashMap;
class HelloWorld {
    public static void main(String[] args) {
        HashMap <Integer,Integer> dici=new HashMap<>();

        dici.put(3,4);
        if(dici.containsKey(3)){
            int temp = dici.get(3);
            System.out.println(temp);
        }
    }
}
```

### Answer:

```
import java.util.HashMap;
class HelloWorld {
    public static void main(String[] args) {
        HashMap <Integer,Integer> dici=new HashMap<>();
        int arr[]={4,5,8,1,0,0,4};
        for(int i=0;i<arr.length;i++){
            int val=arr[i];
            if (dici.containsKey(val)){
                int curcnt=dici.get(val);
                dici.put(val,curcnt+1);
            }else{
                dici.put(val,1);
            }
        }
        for(int macha:dici.keySet()){
            int machavalue=dici.get(macha);
            System.out.println(macha+" "+machavalue);
        }
    }
}
```