**Team Emertxe** 



### search\_hashtable(arr,data)

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#### **Input Specification:**

arr: Pointer that contains address of structure array (hash\_t)

data: Item to be searched

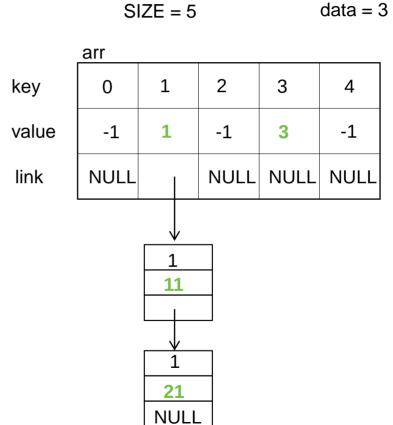
#### **Output Specification:**

Status: DATA\_FOUND / DATA\_NOT\_FOUND



### search\_hashtable(arr,data)

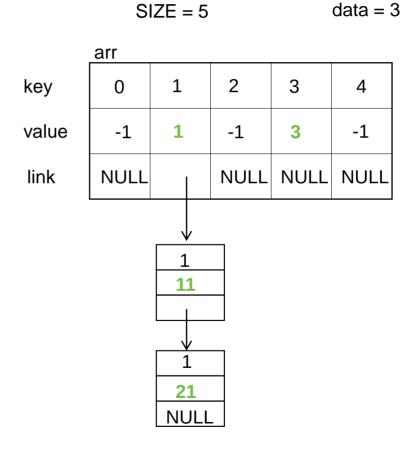






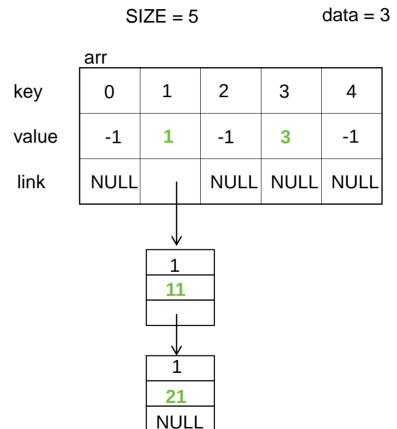
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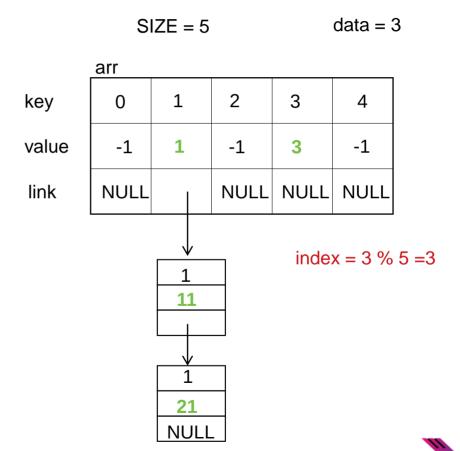






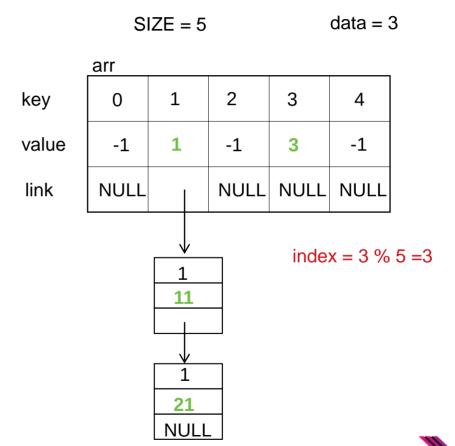
### search\_hashtable(arr,data)





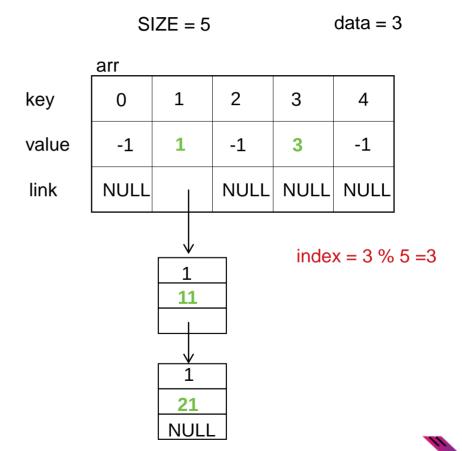
### search\_hashtable(arr,data)





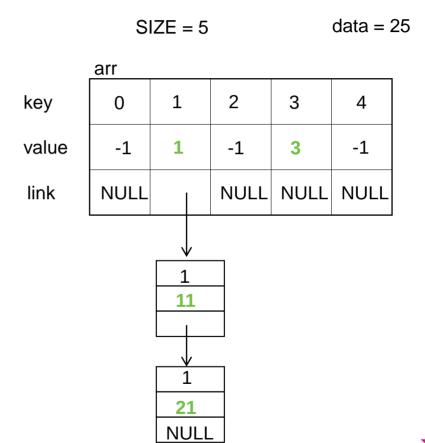
### search\_hashtable(arr,data)





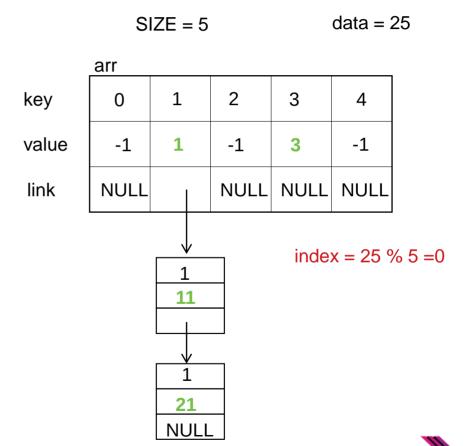
### search\_hashtable(arr,data)





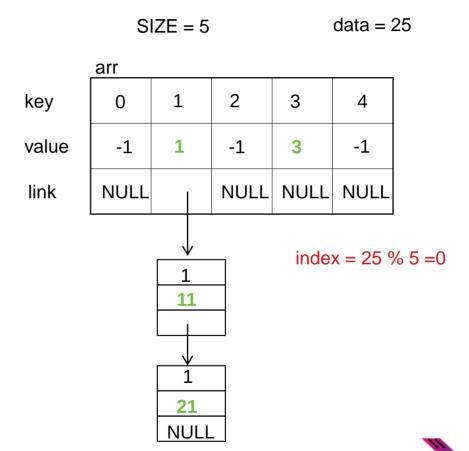
### search\_hashtable(arr,data)





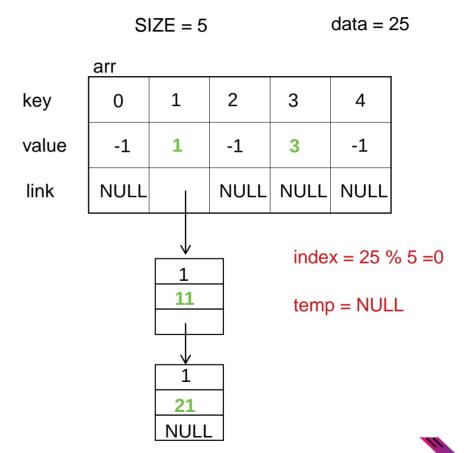
### search\_hashtable(arr,data)





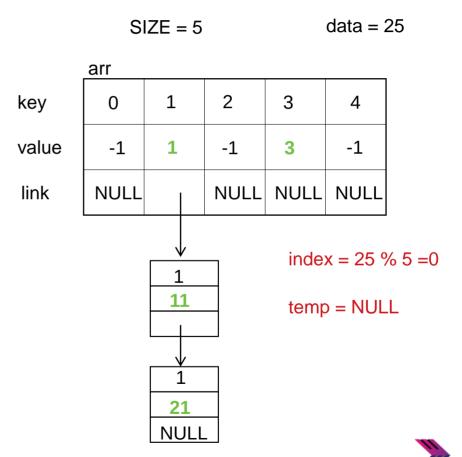
### search\_hashtable(arr,data)





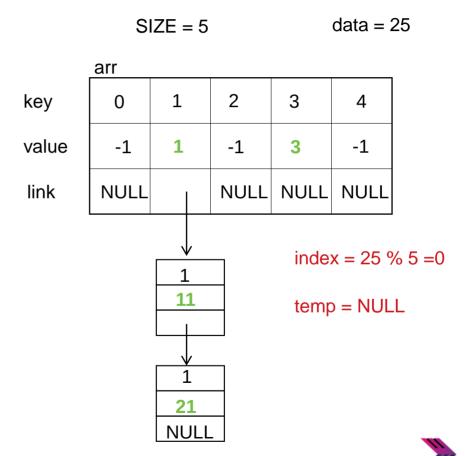
### search\_hashtable(arr,data)





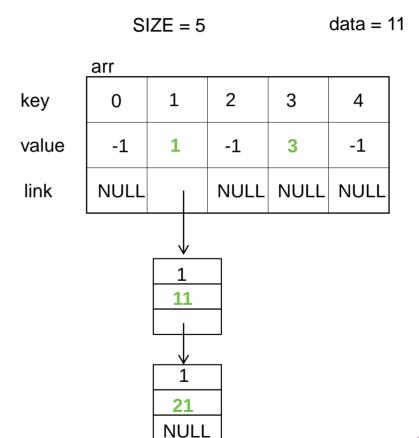
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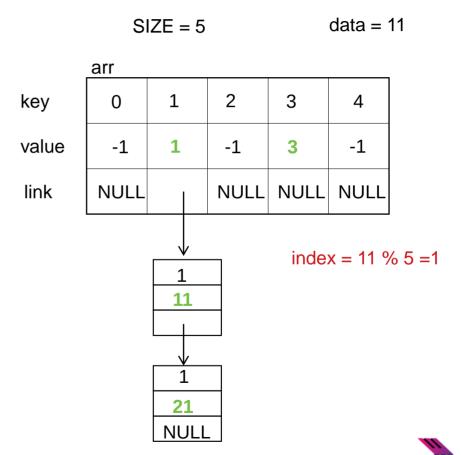






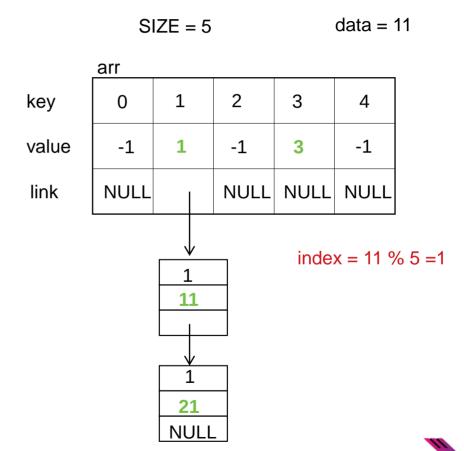
### search\_hashtable(arr,data)





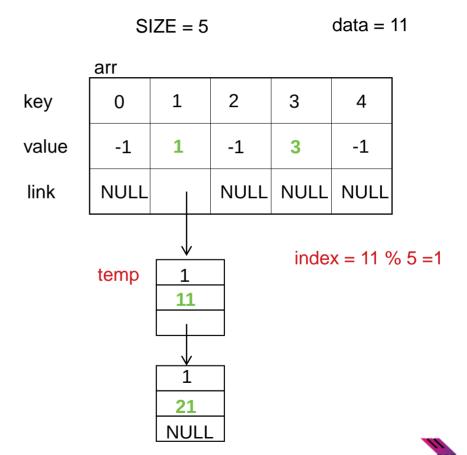
### search\_hashtable(arr,data)





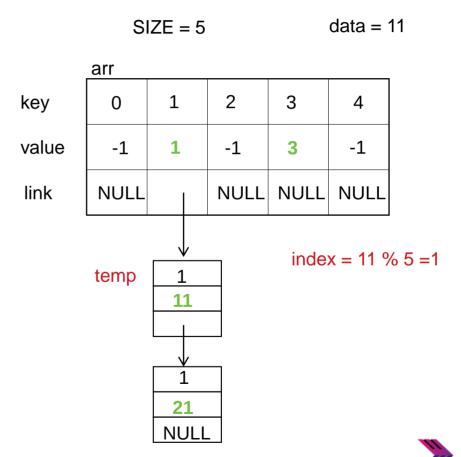
### search\_hashtable(arr,data)





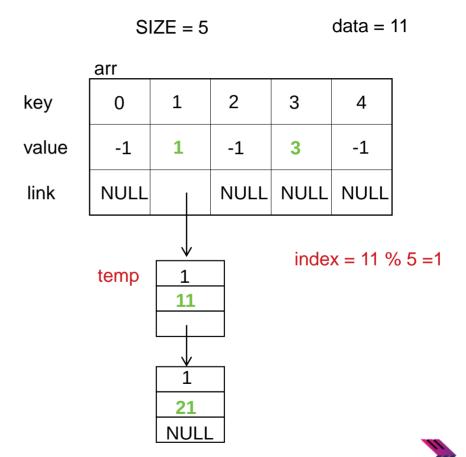
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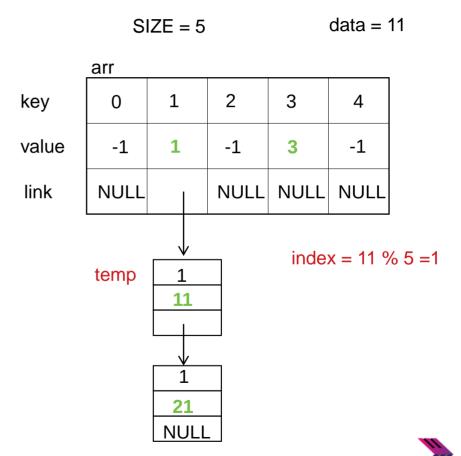




### search\_hashtable(arr,data)



```
index = data\%SIZE
if(arr[index].value = data)
            return DATA FOUND
temp = arr[index].link
while(temp != NULL)
            if (temp->value = data)
                         return DATA_FOUND
            temp = temp->link
return DATA NOT FOUND
```



## Code -search\_hashtable(arr,data)