

Data Structures

Hashing

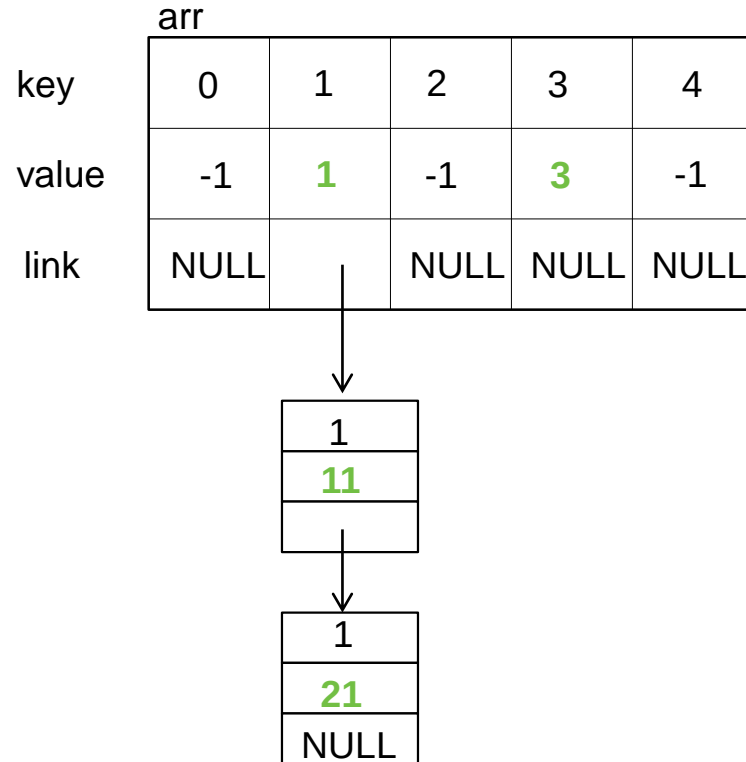
Team Emertxe



```
delete_hashtable(arr)
```

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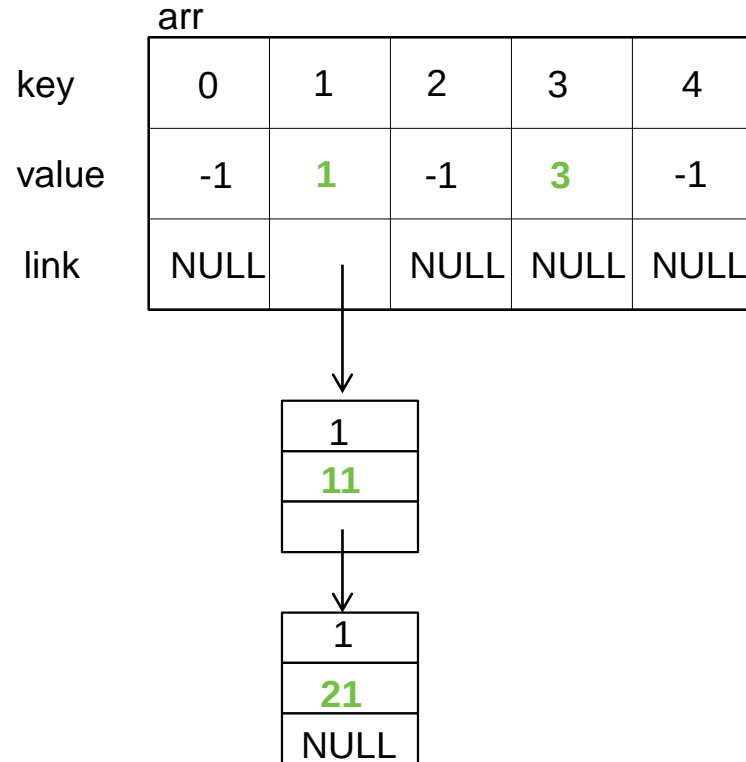
SIZE = 5



delete_hashtable(arr)

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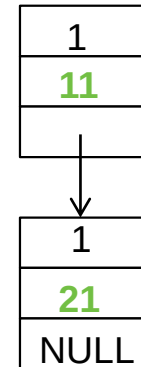
```

for (i = 0 upto SIZE )
    if(arr[i].value != -1)
        temp = arr[i].link
        arr[i].value = -1
        arr[i].link = NULL
    while (temp)
        temp1 = temp->link
        free(temp)
        temp = temp1
return e_true

```

SIZE = 5

key	0	1	2	3	4
value	-1	1	-1	3	-1
link	NULL		NULL	NULL	NULL



delete_hashtable(arr)

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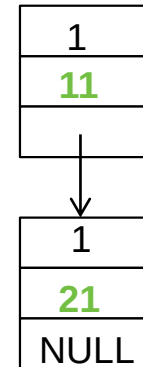
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for (i = 0 upto SIZE )
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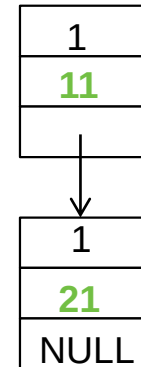
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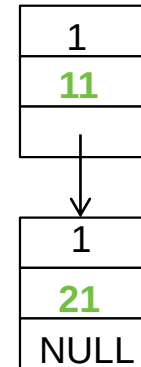
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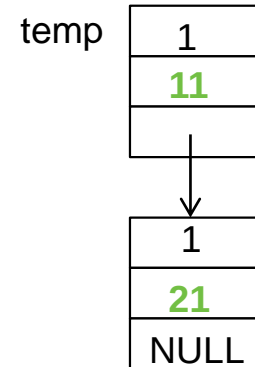
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.Algorithm

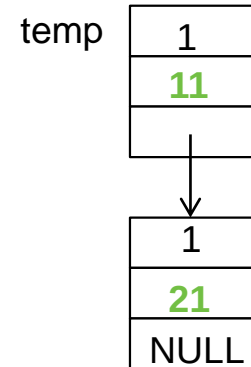
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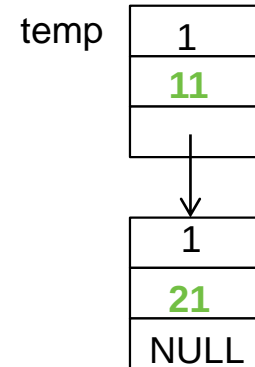
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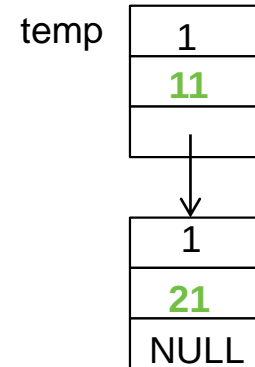
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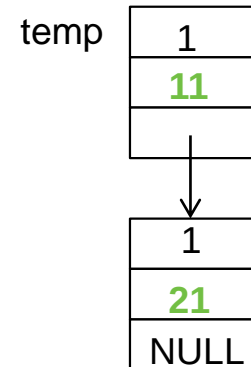
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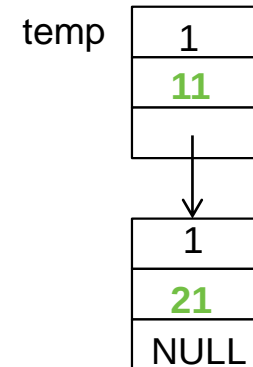
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for (i = 0 upto SIZE )
    if(arr[i].value != -1)
        temp = arr[i].link
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        while (temp)
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	arr				
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.Algorithm

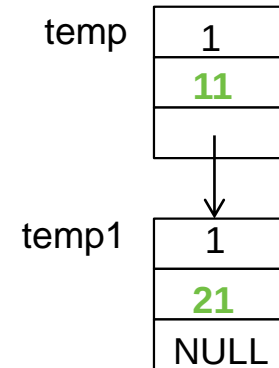
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    if(arr[i].value != -1)
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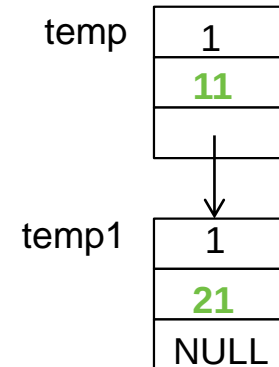
    while (temp)
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	arr				
key	0	1	2	3	4
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link	NULL	NULL	NULL	NULL	NULL

temp1	1
	21
	NULL

delete_hashtable(arr)

.Algorithm

```

for (i = 0 upto SIZE )
    if(arr[i].value != -1)
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key	0	1	2	3	4
value	-1	-1	-1	-1	-1
link	NULL	NULL	NULL	NULL	NULL

Code - delete_hashtable(arr,data)

A large, stylized arrow pointing to the right, composed of two overlapping shapes. The front shape is a dark purple chevron, and the back shape is a lighter purple chevron, creating a sense of depth and direction.