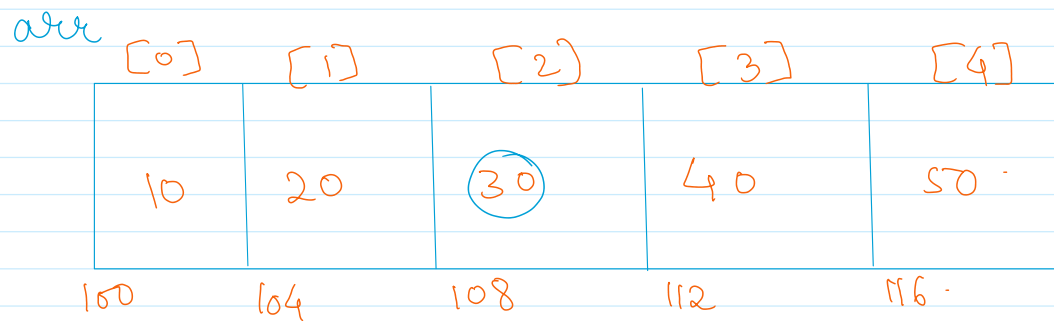


```
int arr[5] = {10, 20, 30, 40, 50};
```



arr

<u>100</u>
------------

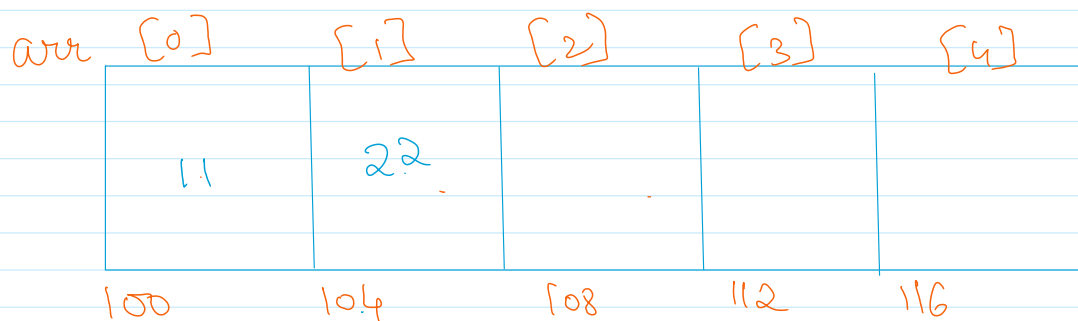
```
printf("%d", arr[2]); → 30
```

$[arr + 2]$   
 $100 + 2 \times 4$   
 $100 + 8$   
 $\rightarrow *([108])$   
 $\rightarrow *(arr + 2)$   
 $\downarrow$   
 30

$arr[4] \rightarrow 50$   
 $*(arr + 4) \rightarrow 50$

$100 + 4 \times 4$   
 $100 + 16$   
 $\rightarrow *(116)$

```
int arr[5];
```



`scanf("%d", &arr[i]);`

`scanf("%d", arr+i);`

$100 + 0 \rightarrow \text{scanf} \rightarrow \underline{\underline{100}}$   
 $100 + 1 \times 4 \rightarrow \underline{\underline{104}}$