

Array Initialization: Storing value on each index/element

Array traversal: Accessing each element exactly once  
(print)

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

```
[scanf("%d", &arr[0]);  
_____  
_____  
_____  
_____] 1 2 3 4
```

Initialization

```
for (i=0; i<5; i++)  
{ scanf("%d", &arr[i]);
```

}

Traversal

```
for (i=0; i<5; i++)  
{ printf("%d", arr[i]);
```

}

1 start  
2 set i=0  
3 repeat steps for i<SIZE  
4 read arr[i]  
5 i=i+1  
6 end

for i<SIZE

1 start  
2 i=0  
3 repeat steps for i<SIZE  
4 write arr[i]  
5 i=i+1  
6 end

Init