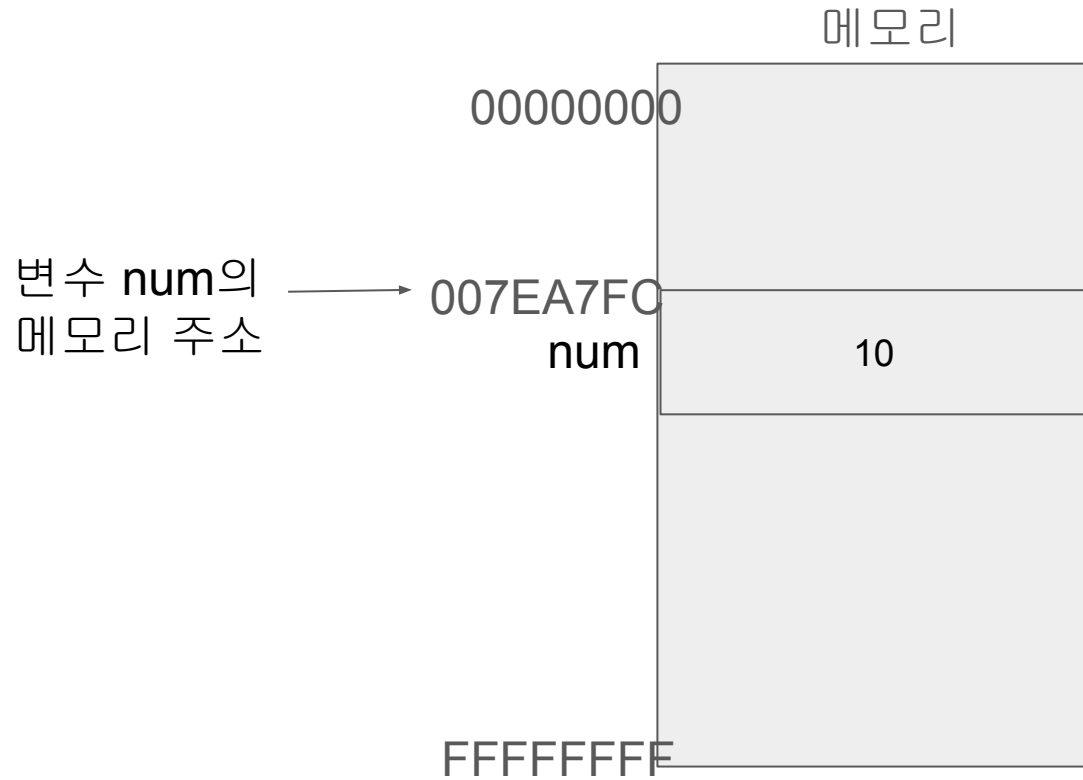
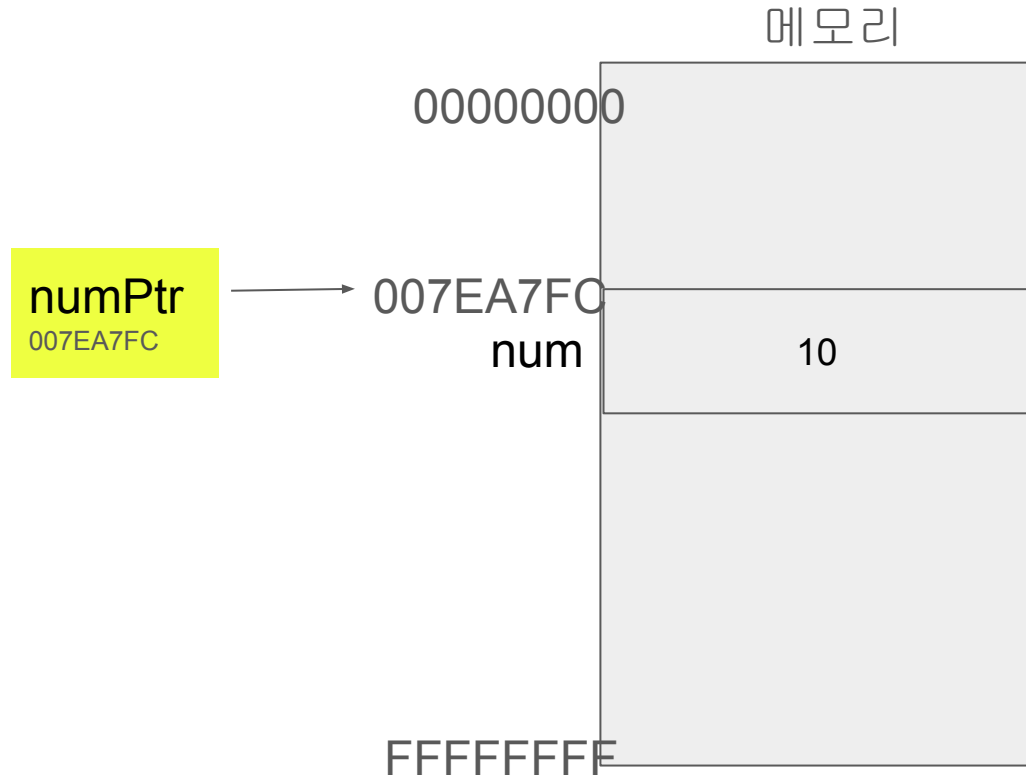


C

```
int num = 10;
```

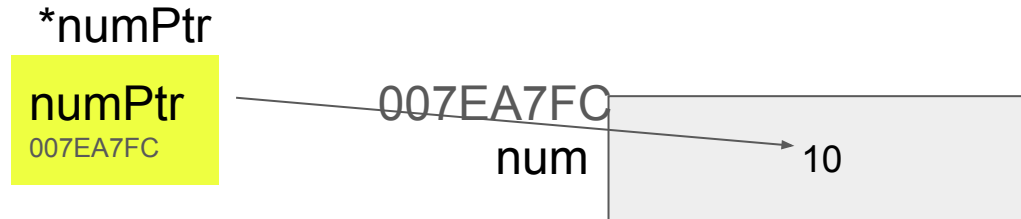
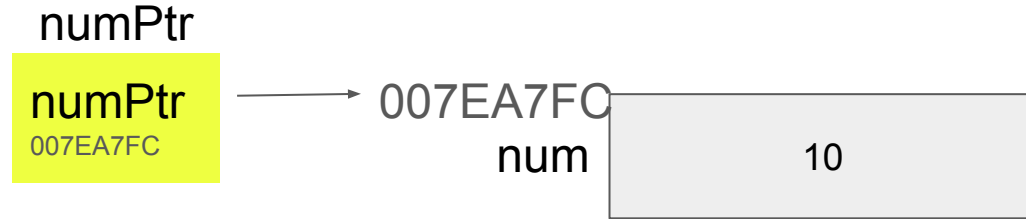


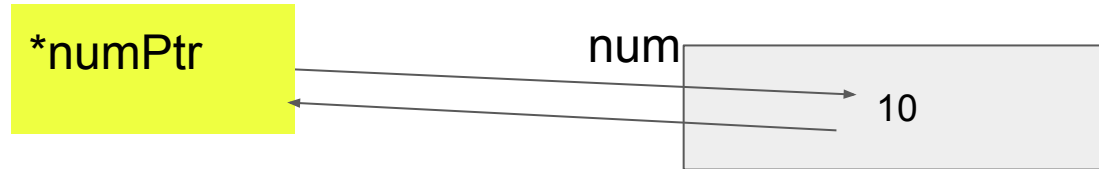
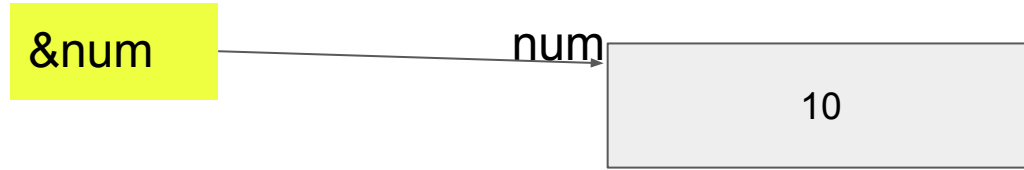
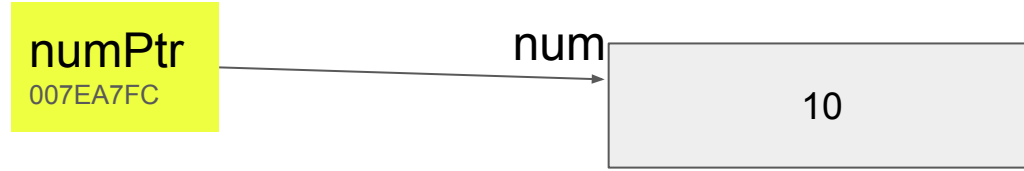
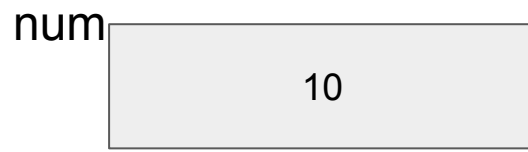
```
int num = 10;
```



```
int num = 10;
```

```
int* numPtr;
```





**\*\*numPtr2**  
numPtr1의 메모리 주소

**\*numPtr1**  
num의 메모리 주소

num

10



```
int a = 5;  
int *pA;  
pA = &a;
```

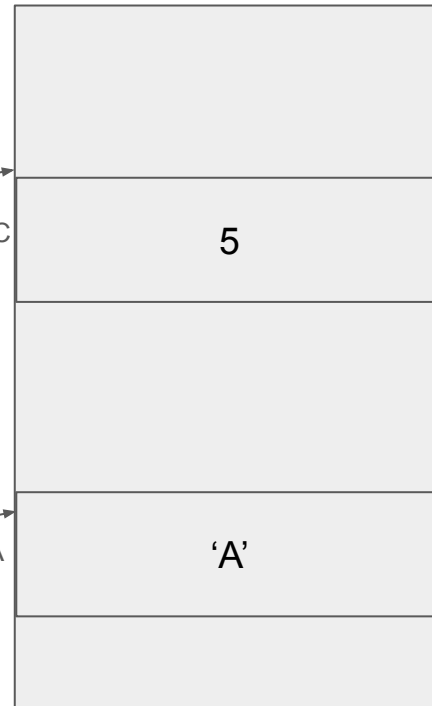
pA  
007EA7FC

a  
007EA7FC

```
char c = 'A';  
char *pC;  
pC = &c;
```

pC  
007EA7AA

c  
007EA7AA



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

1번째 원소

2번째 원소

3번째 원소

4번째 원소

5번째 원소

arr

int	int	int	int	int
-----	-----	-----	-----	-----

array[0]

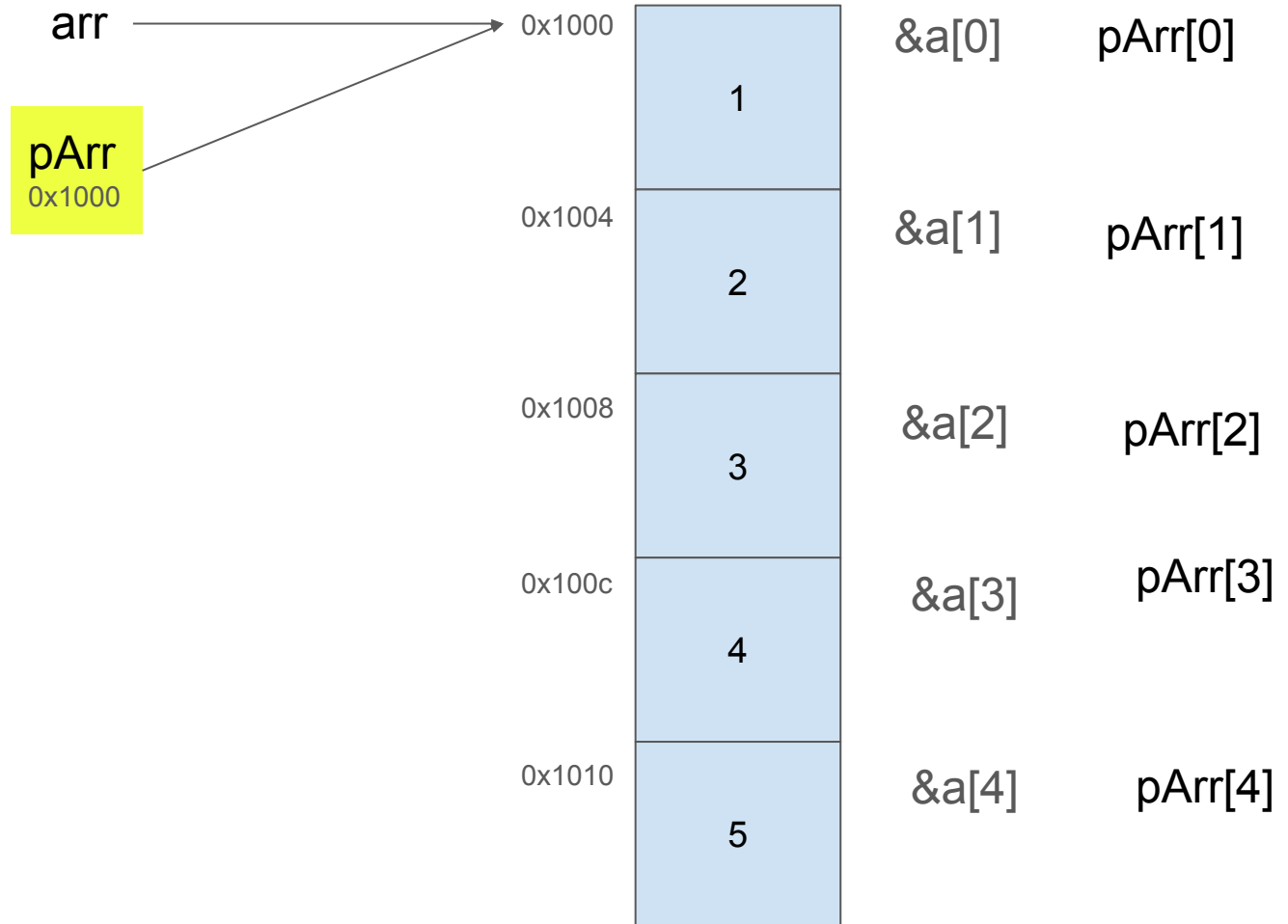
array[1]

array[2]

array[3]

array[4]





```
int arr[5] = {1,2,3,4,5}
```

```
int *pArr = arr ;
```

```
int a[5] = {1,2,3,4,5}
```

```
int *p = a ;
```

요소값 표현

p[0]	*p	*a
p[1]	*(p+1)	*(a+1)
p[2]	*(p+2)	*(a+2)
p[3]	*(p+3)	*(a+3)
p[4]	*(p+4)	*(a+4)

주소값 표현

&a[0]	a	p
&a[1]	a+1	p+1
&a[2]	a+2	p+2
&a[3]	a+3	p+3
&a[4]	a+4	p+4