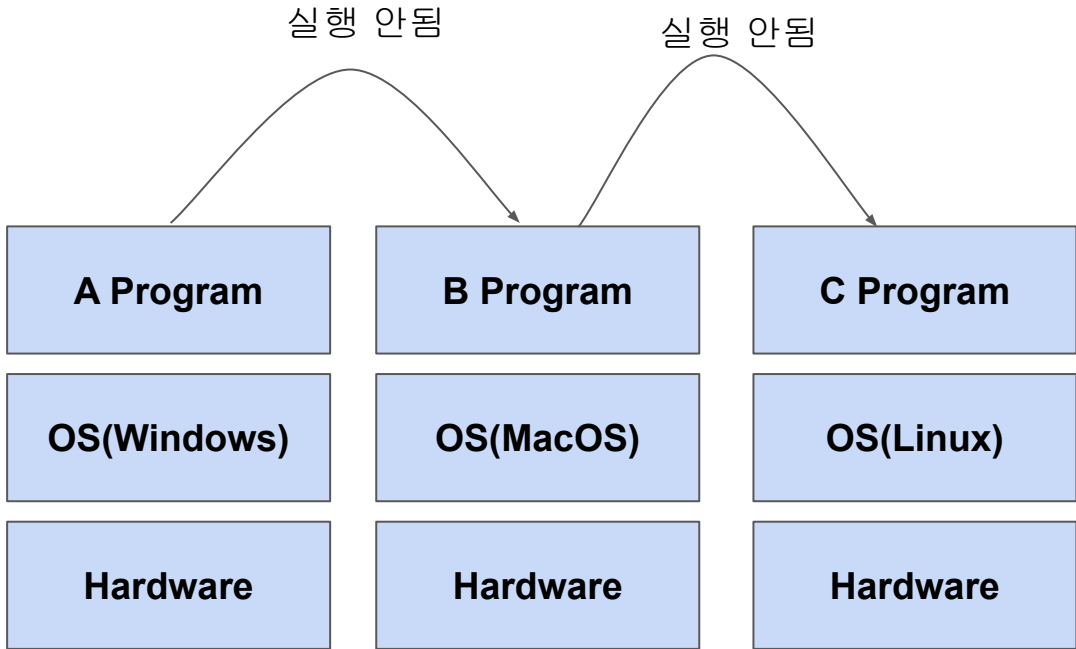
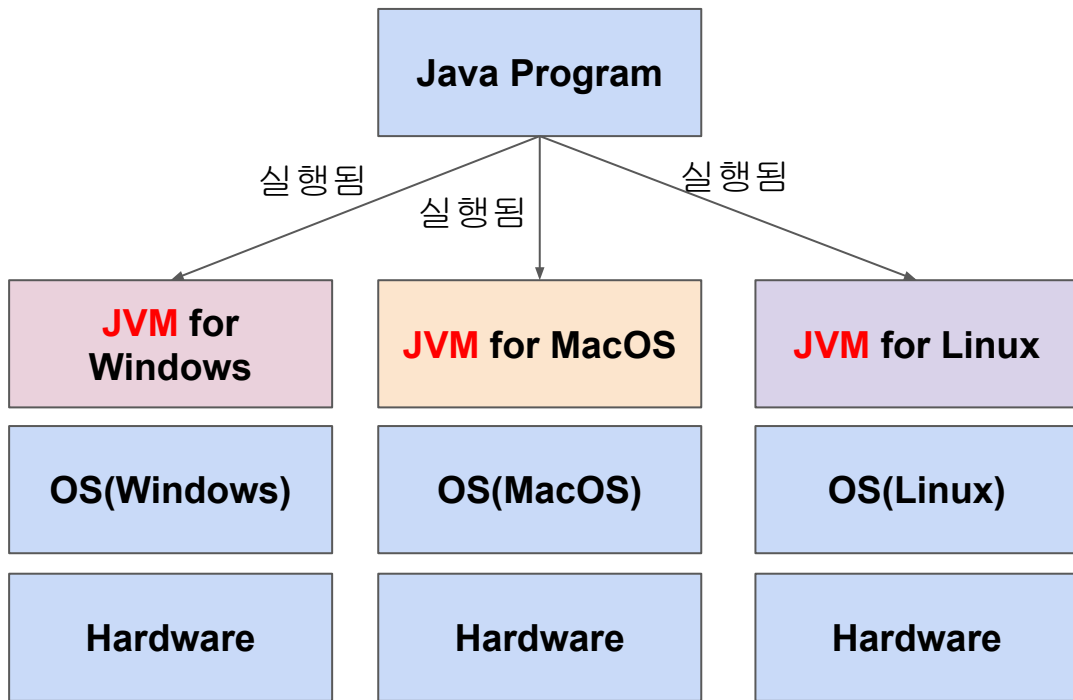
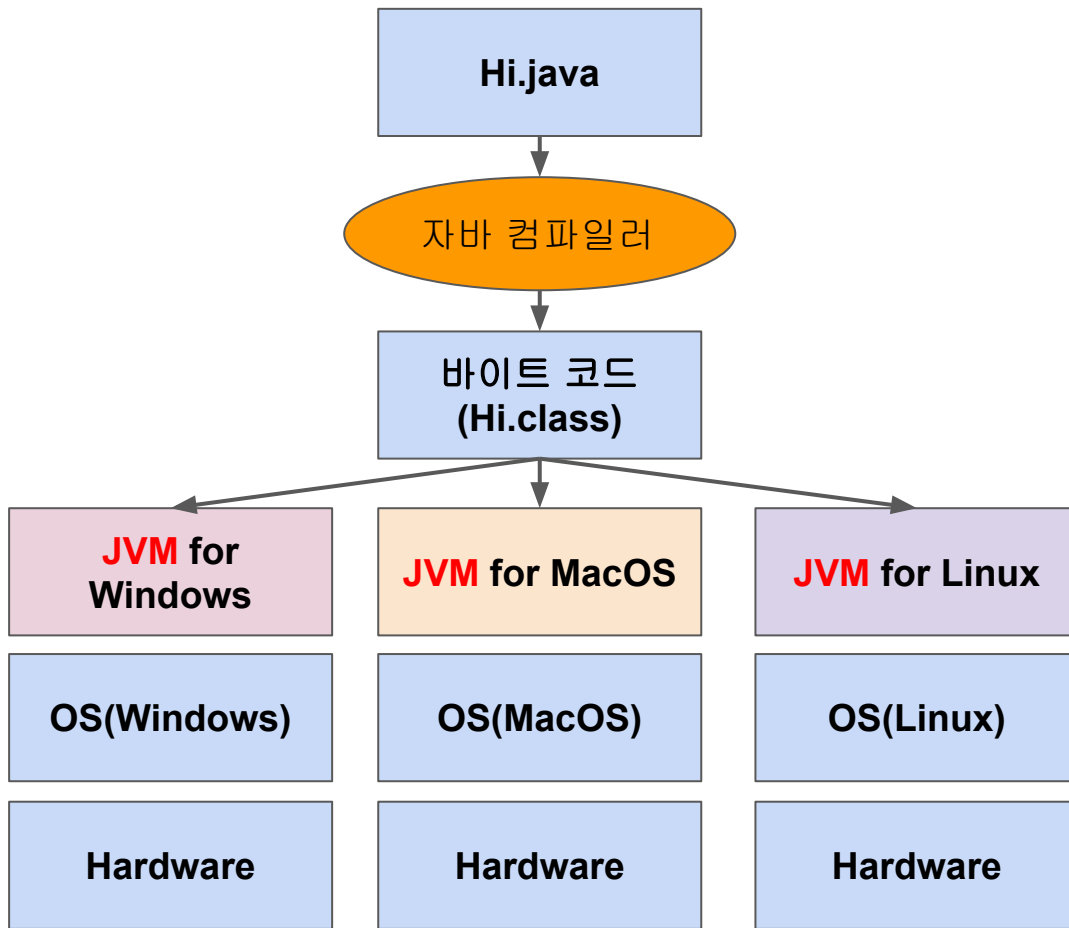


Java







JDK (자바개발 환경)

JRE (자바실행환경)

JVM (자바가상머신)

Object : 사람



Object : Person



person

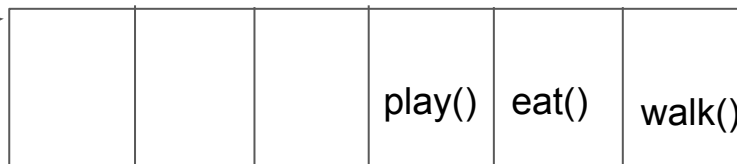
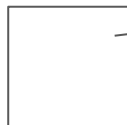


name

age

phone

person2



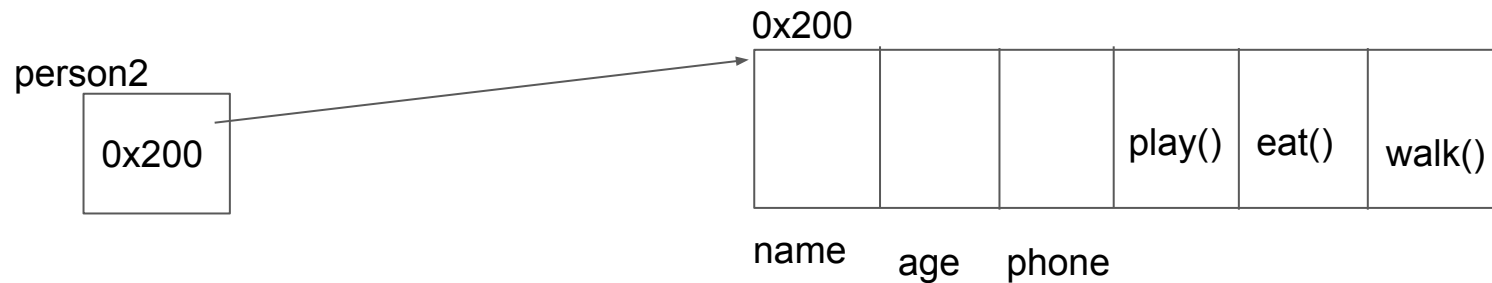
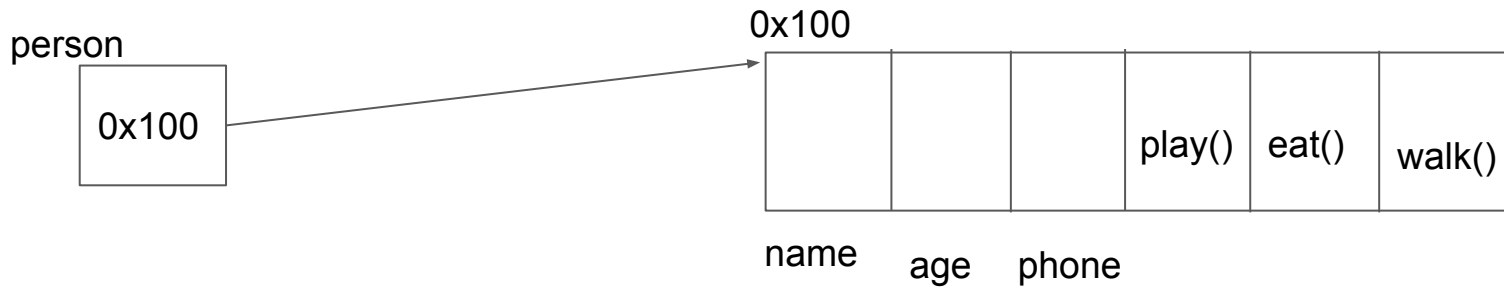
name

age

phone

stack

heap



stack

heap

person



0x100



name age phone

person2



0x200



name age phone

stack

heap

person



this



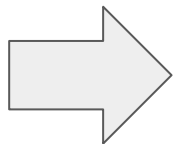
name

age

phone

학생

학번
학생 이름
국어 성적
수학 성적



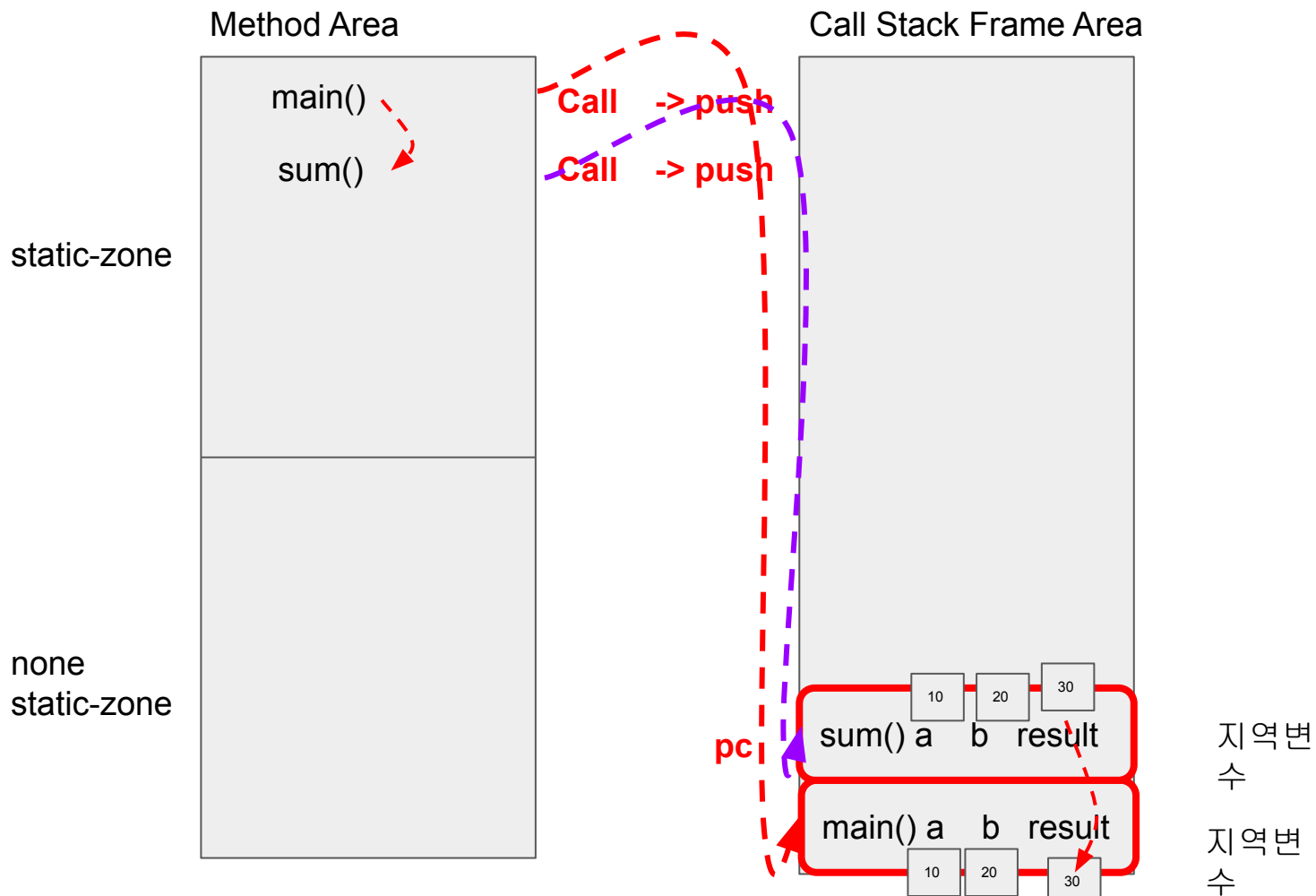
학생

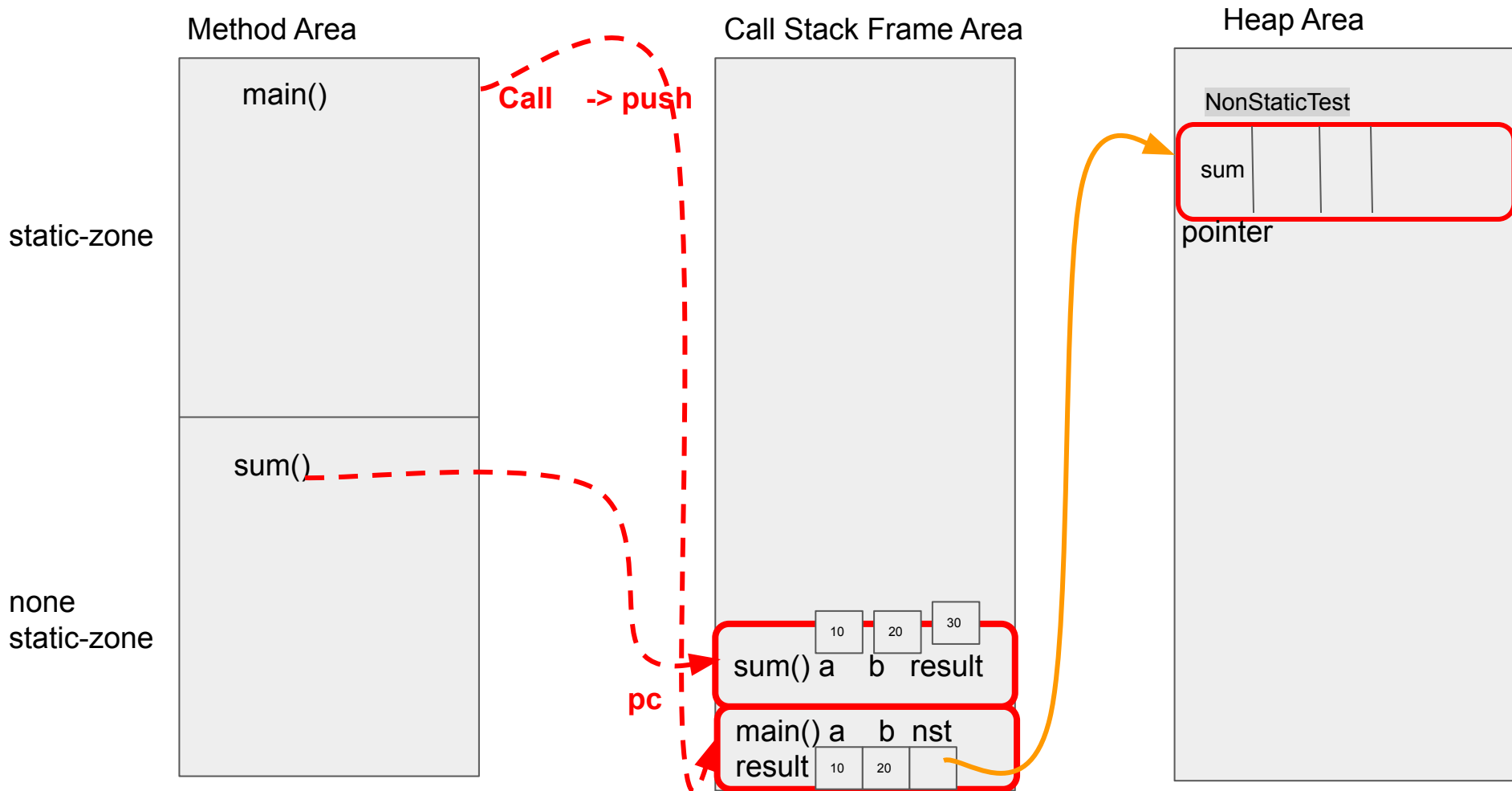
학번
학생 이름
국어 과목
수학 과목

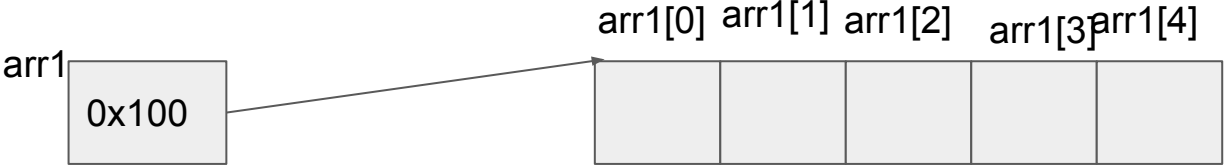


과목

과목 이름
과목 점수



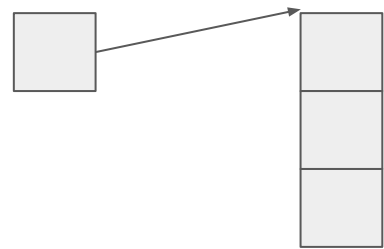




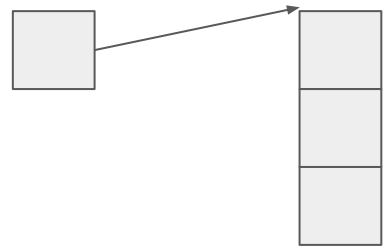
arr[]	0	1	2	3	4	5	6	7	8	9
	7	9	4	-4	1	10	0	2		

0x1000		0x1004		0x1008				0x1036	
0		1		2		3		4	
5		6		7		8		9	
7		9		4		-4		1	
10		0		2					

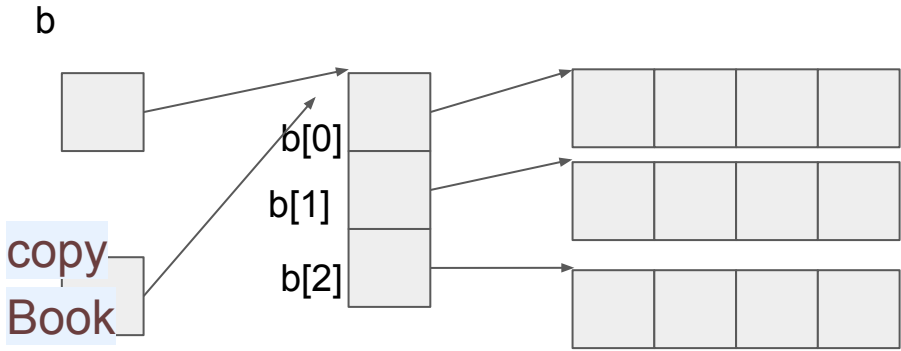

```
float[] f = new float[3]
```



```
Book[] b = new Book[3]
```



```
Book[] b = new Book[3]
```



```
Book[] copyBook = new Book[5];
```

```
int[][] arr = new arr[2][3];
```



```
int[] arr = new arr[3];
```



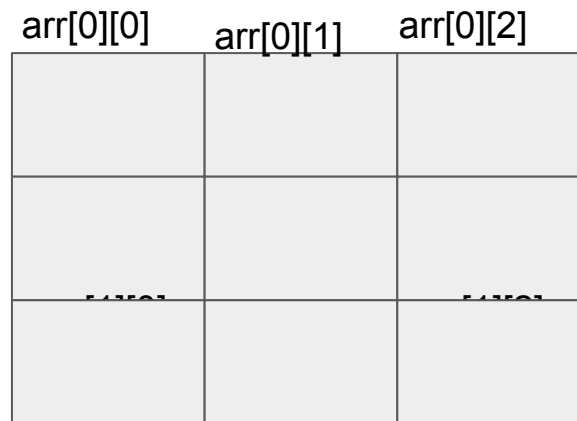
```
int[] arr = new arr[3];
```



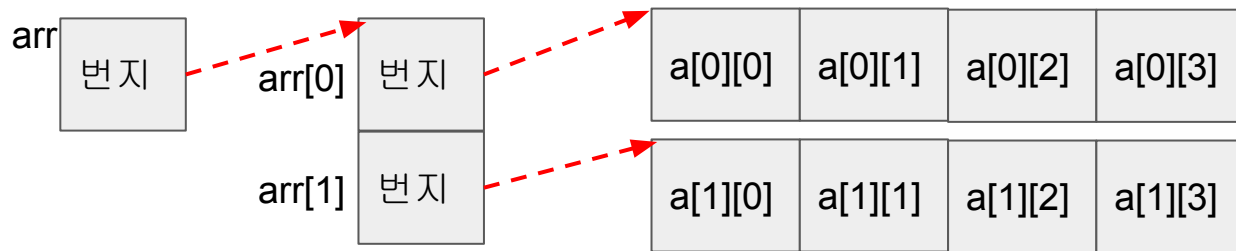
```
int[] arr = new arr[3];
```



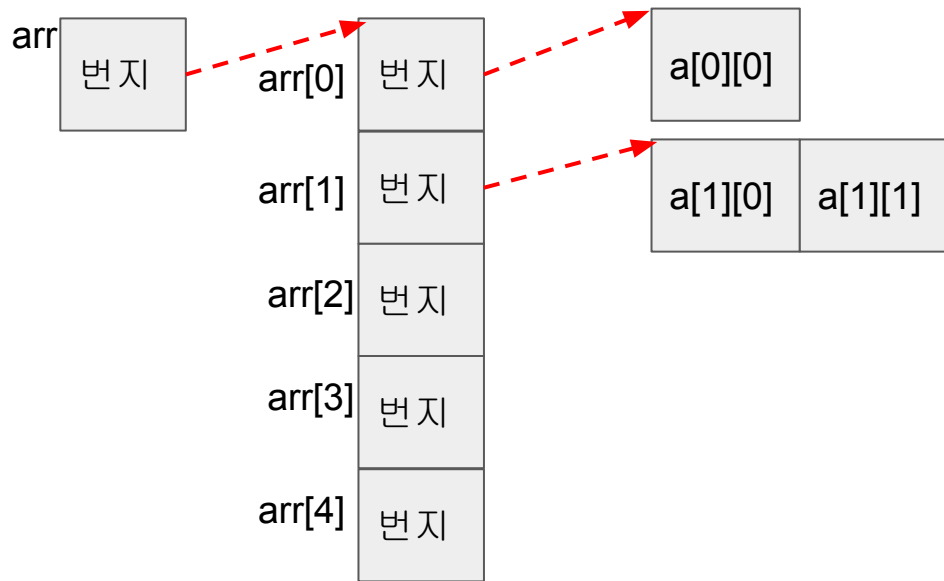
```
int[][] arr = new arr[3][3];
```



2차원 배열도 연속적인 메모리구조



a[0][0]
a[0][0]
a[0][2]
a[0][3]
a[1][0]
a[1][1]
a[1][2]
a[1][3]



사원

이름, 나이, 전화번호,
주소, 입사일, 근무부서

관리사원

이름, 나이, 전화번호,
주소, 입사일, 근무부서,
관리부서

비서

이름, 나이, 전화번호,
주소, 입사일, 근무부서,
상급자

계약직

이름, 나이, 전화번호,
주소, 입사일, 근무부서,
고용기간

