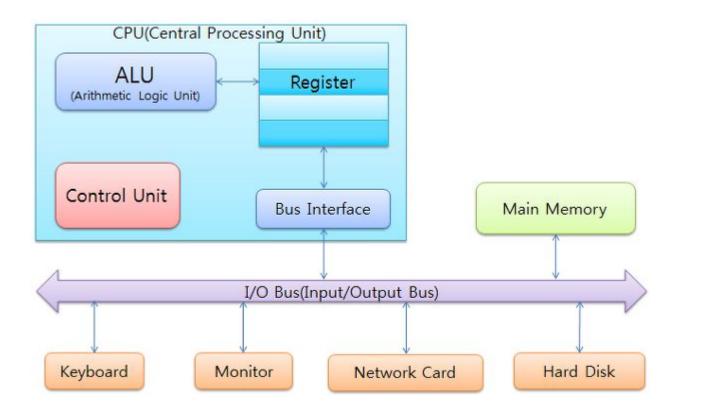
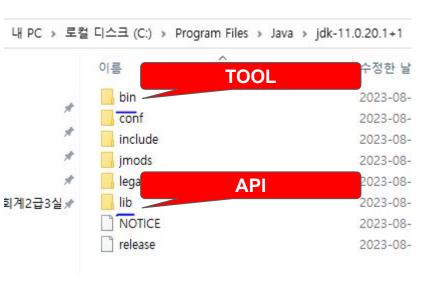
Java













```
public class Hello {
    public static void main(String[] args)
}

System.out.println("Hello Wolrd!");
}

프로그래밍언어
- 자바
```

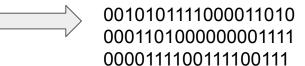


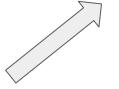


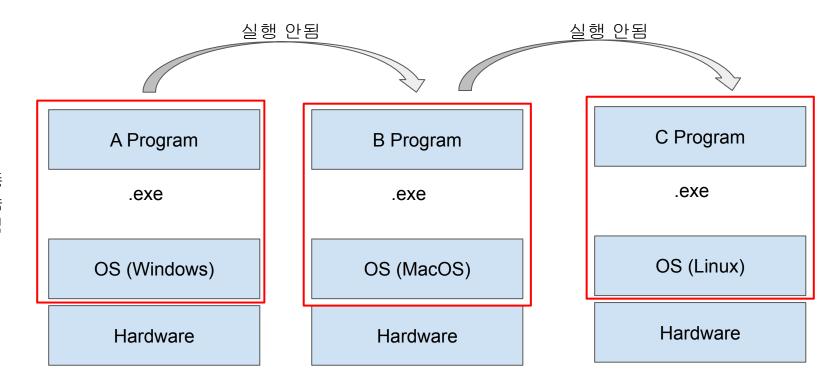
JDK에 포함된 실행

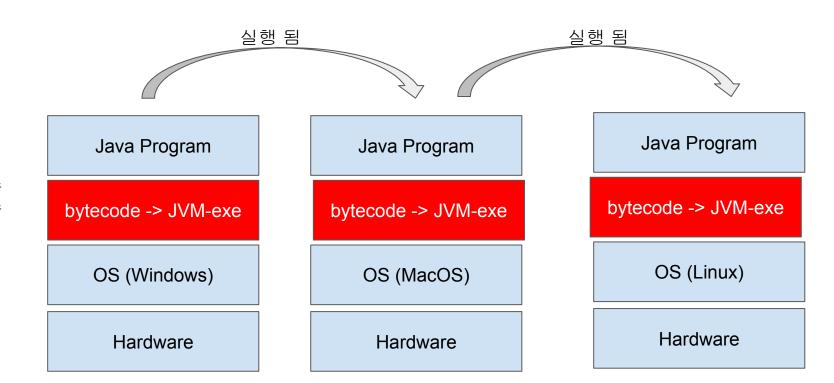








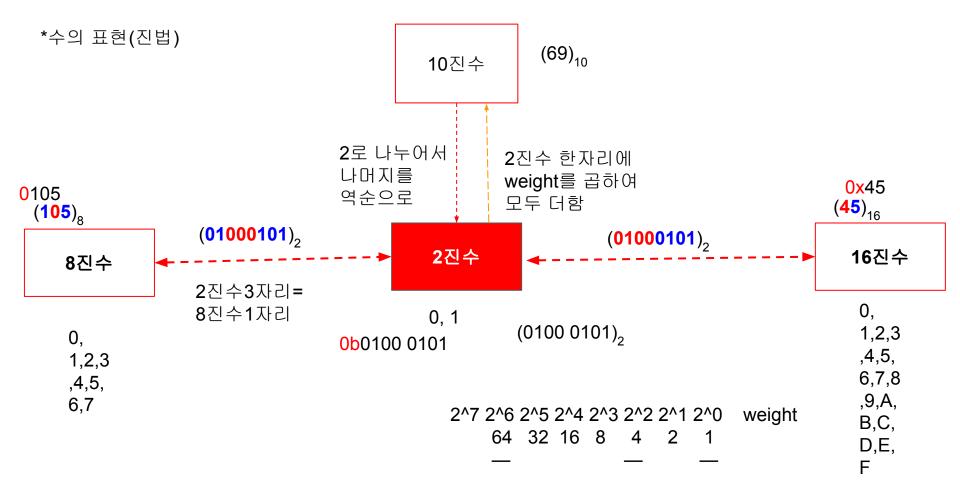


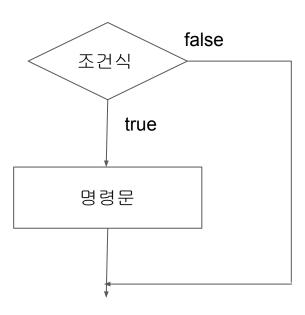


JDK에서 처리

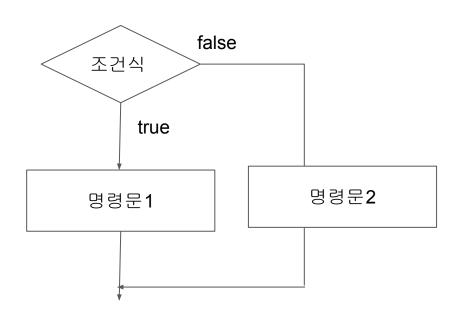


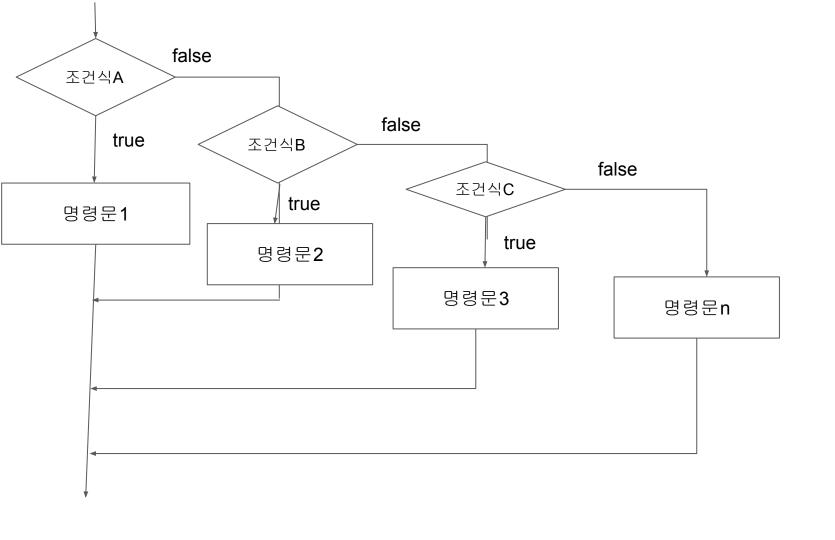
java.exe Hello (실행) ⇒ 원격프로세서 호출 (JVM)

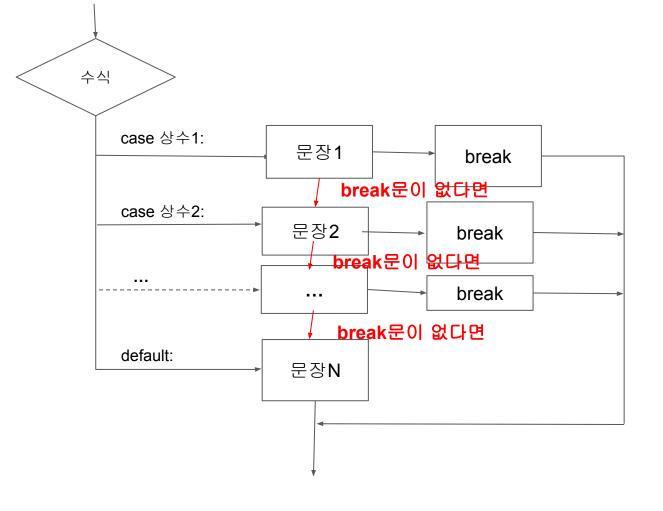


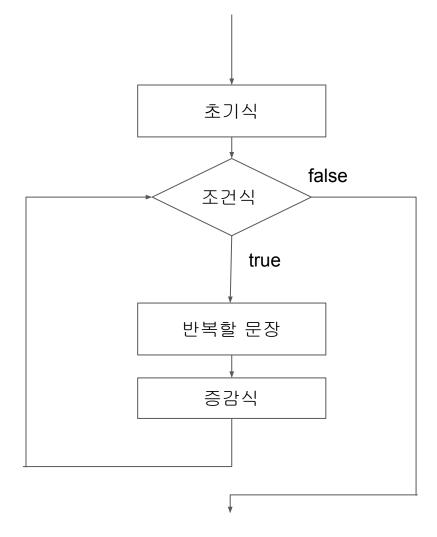


if ~ else 문

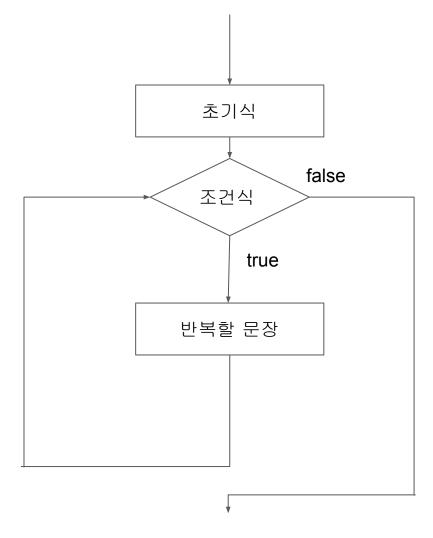




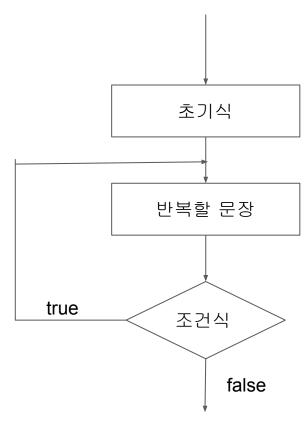


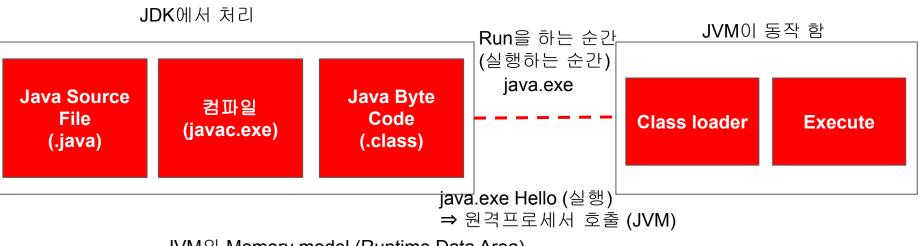


while문



do-while문

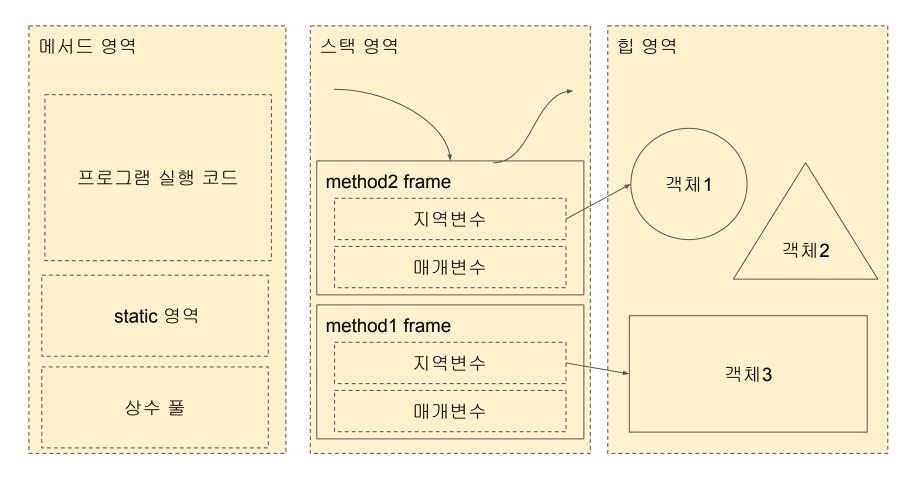




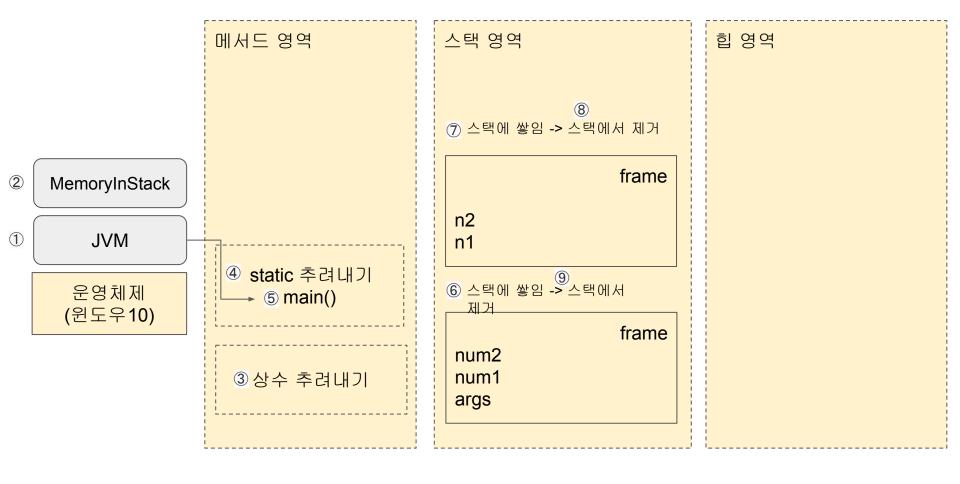
JVM의 Memory model (Runtime Data Area)

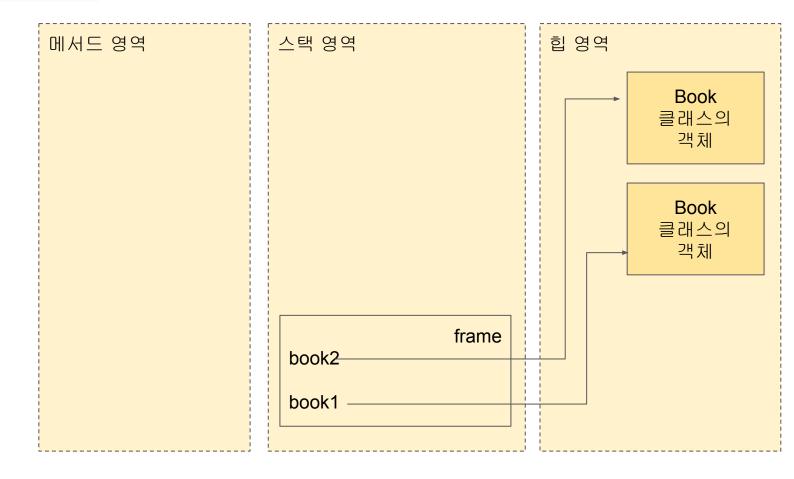


런타임 data 영역들

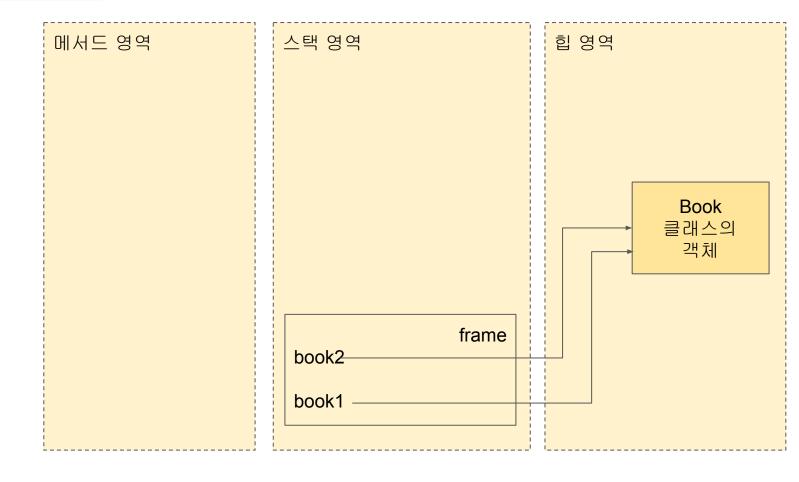


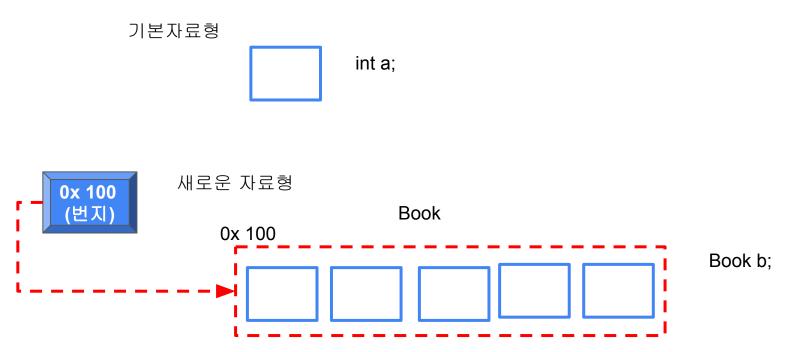
1)2)3(4)5)6)7(8)9(10)1)(2)3(4)5(6)1)

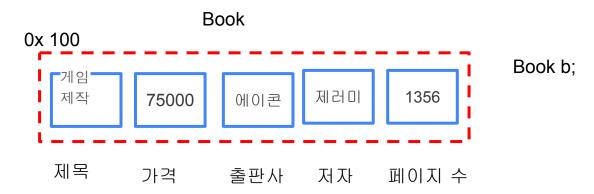




1)23456789101121314151617

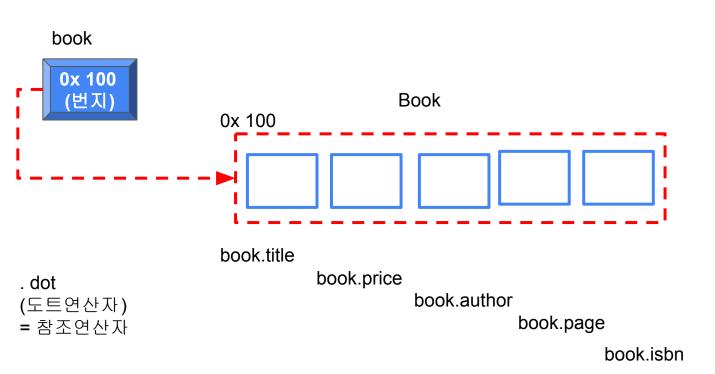




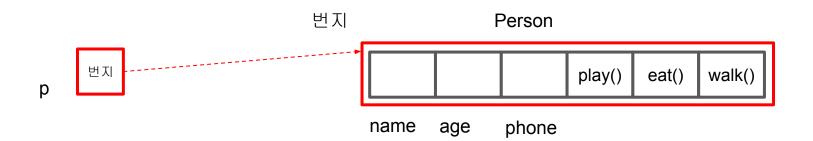


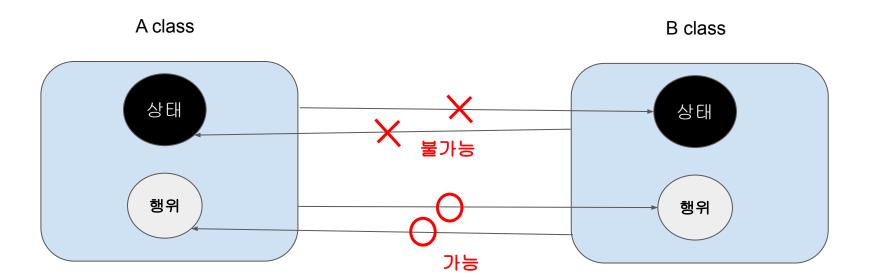
기억공간을 하나의 구조(객체)

Book book = new Book();

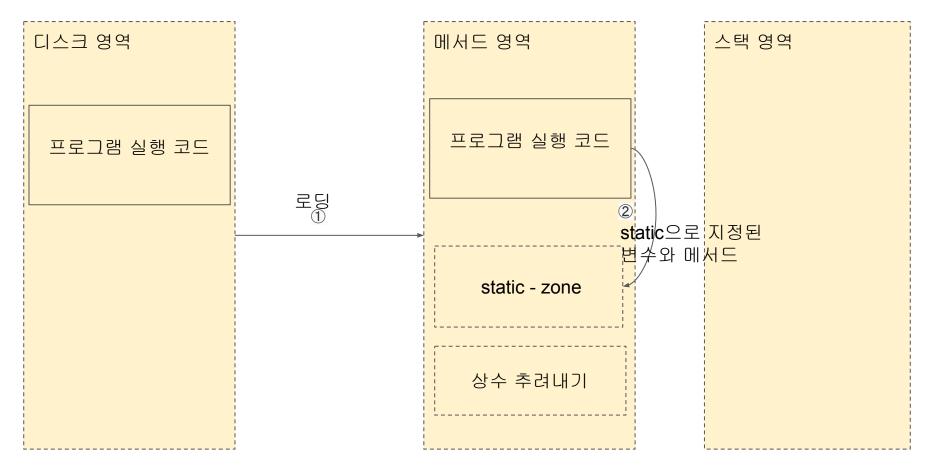


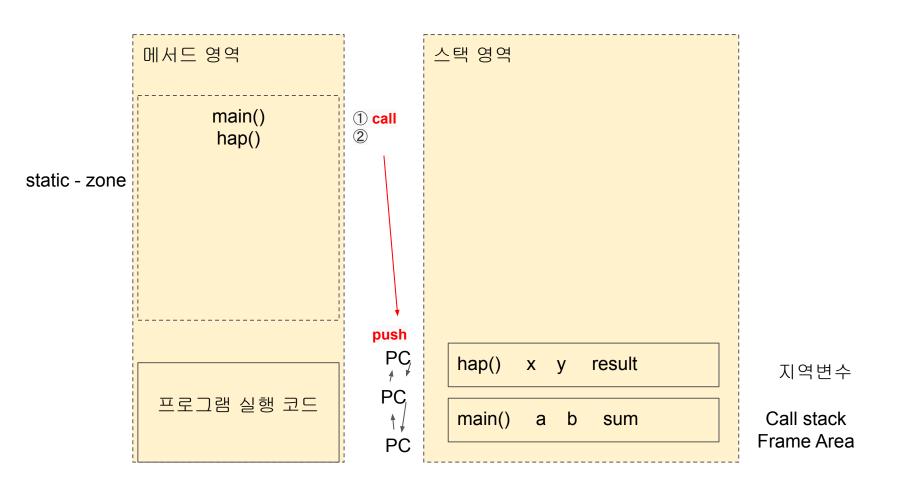
Person p = new Person();

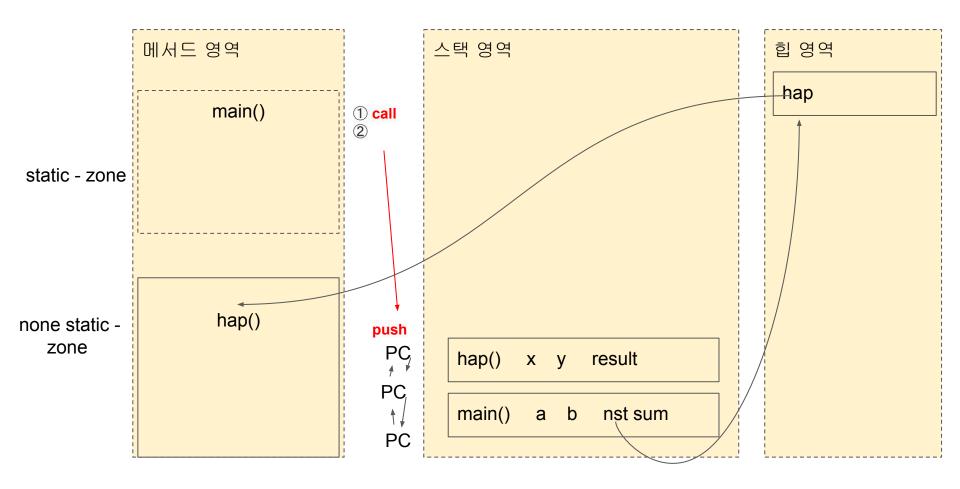


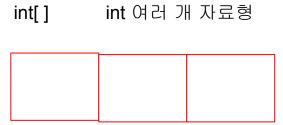


1)2345678910112314151617



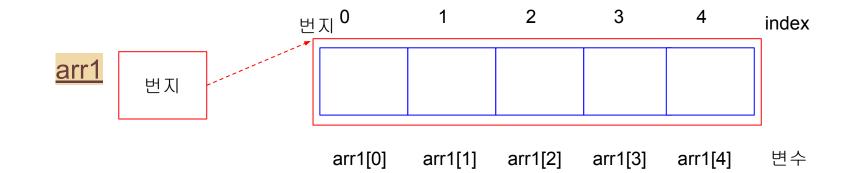


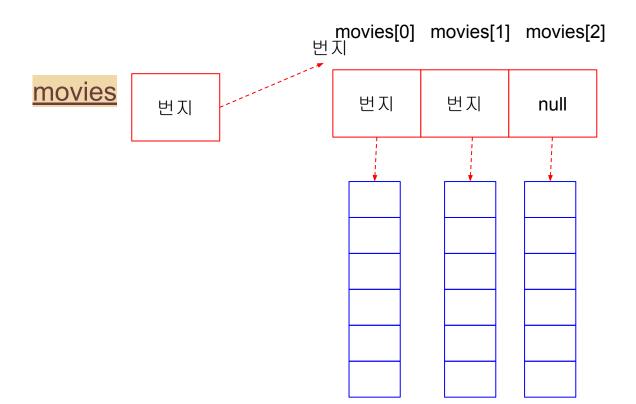


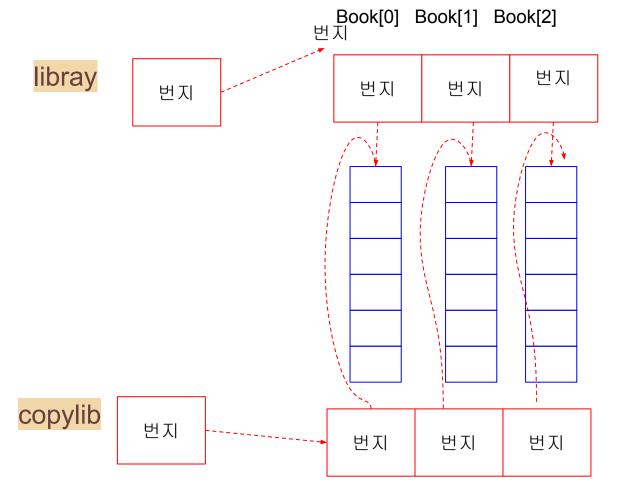


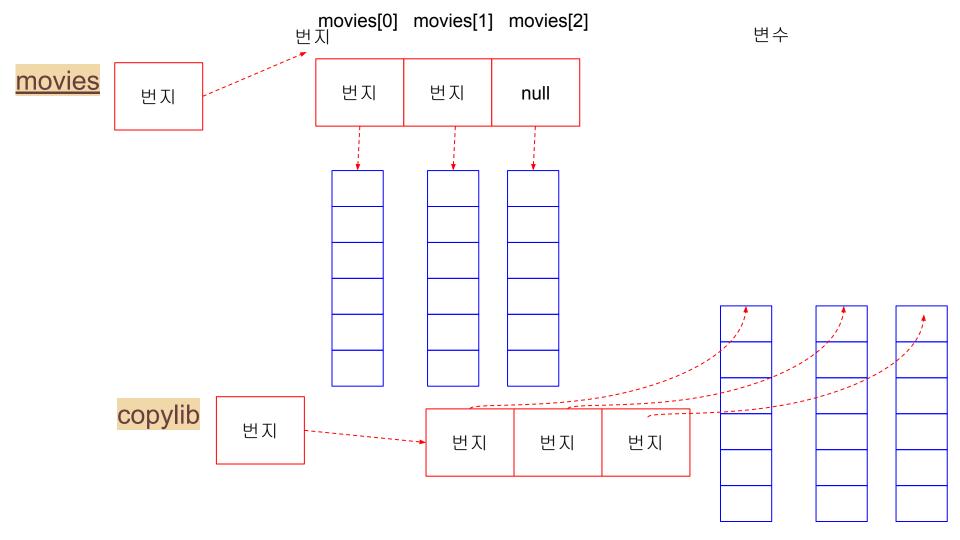
new int[3];

2차원 배열 = [][]







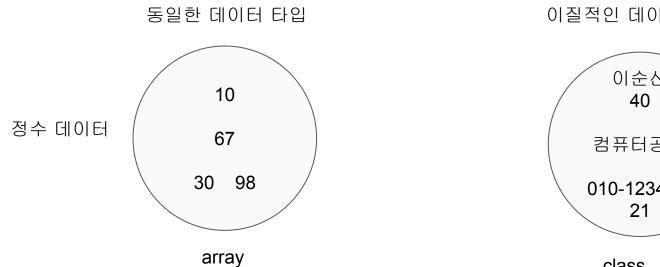


arr[0][0]	arr[0][1]	arr[0][2]

arr[1][1]

arr[1][2]

arr[1][0]



이질적인 데이터 타입



일반 사원

이름,나이, 전화번호,주소, 입사일,근무부서 부동산

관리 사원

이름,나이, 전화번호,주소, 입사일,<mark>관思부서</mark>

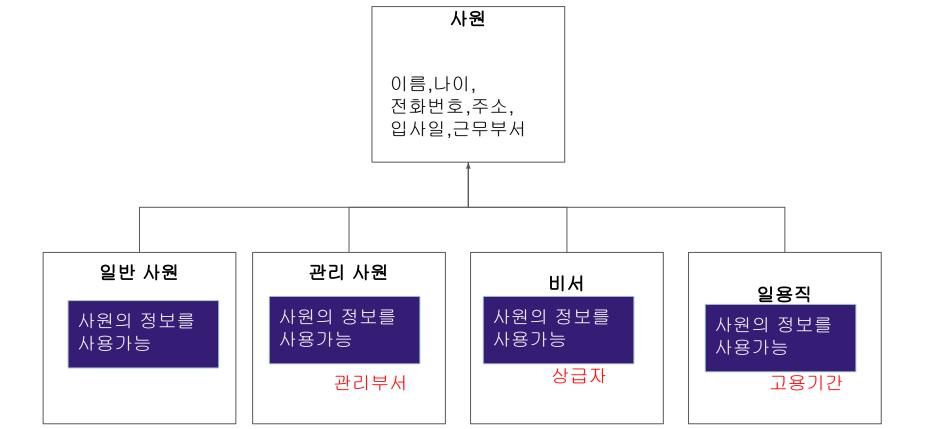
부동산

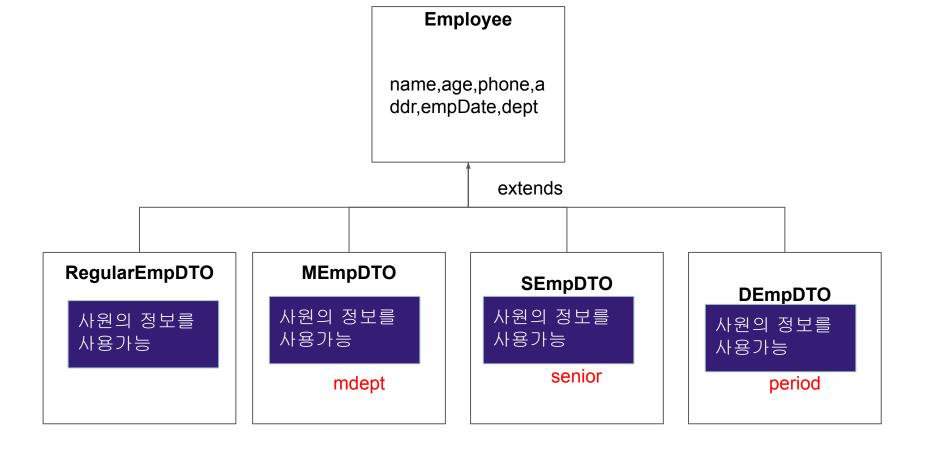
비서

이름,나이, 전화번호,주소, 입사일,<mark>장쿱봤</mark>서 부동산

일용직

이름,나이, 전화번호,주소, 입사일,<mark>금뮳뷨선</mark> 부동산





Circle <u>circle</u> = **new** Circle();

