i**import** java.util.Scanner;

**public** **class** Ex4 {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

**int** n1;

**int** n2;

**int** sw;

Scanner sc = **new** Scanner(System.*in*);

System.*out*.println("사용할 숫자1을 입력하세요.");

n1 =sc.nextInt();

System.*out*.println("사용할 숫자2을 입력하세요.");

n2 =sc.nextInt();

**while**(**true**){

System.*out*.println("1. Call by value");

System.*out*.println("2. Call by reference");

System.*out*.println("3. 종료");

System.*out*.println("원하는 방식을 선택 :");

sw = sc.nextInt();

**switch** (sw) {

**case** 1:

System.*out*.println("n1 =" + n1 + ", n2 = "+ n2);

*changeValue*(n1,n2);

System.*out*.println("n1 =" + n1 + ", n2 = "+ n2);

**continue**;

**case** 2:

Setun pt = **new** Setun(n1, n2);

System.*out*.println("pt.n1 = " + pt.n1 + ", pt.n2 =" +pt.n2);

*changRef*(pt);

System.*out*.println("pt.n1 = " + pt.n1 + ", pt.n2 =" +pt.n2);

**continue**;

**case** 3:

System.*out*.println("정료합니다.");

**break**;

**default**:

System.*out*.println("다른 숫자를 입력하셨습니다.");

**continue**;

}

**break**;

}

}

**public** **static** **void** changeValue(**int** n1, **int** n2) {

// **TODO** Auto-generated method stub

**int** n3;

n3 = n1;

n1 = n2;

n2 = n3;

}

**public** **static** **void** changRef(Setun pt){

**int** n3;

n3 = pt.n1;

pt.n1 = pt.n2;

pt.n2 = n3;

}

}

**class** Setun{

**int** n1;

**int** n2;

Setun(**int** n1, **int** n2){

**this**.n1 = n1;

**this**.n2 = n2;

}

}