1. **Pass by value**

package passbyreference;

public class passBref\_0 {

static void kali1(int a){

a=a\*10;

}

static void tukar(int x, int y){

int temp=x;

x=y;

y=temp;

}

public static void main(String[] args) {

int a=5;

int x=5; int y=6;

System.out.println("nilai a="+a);

kali1(a);

System.out.println("setelah dikali 10 nilai a="+a);

System.out.println("nilai x="+x+" y="+y);

tukar(x,y);

System.out.println("setelah ditukar x="+x+" y="+y);

System.out.println("setelah ditukar kembali seperti semula, karena pass by value");

}

}

1. **Pass by reference-1**

package passbyreference;

public class passBref\_2 {

static void kali2(int b[]){

b[0]=b[0]\*10;

}

static void tukar1(int c[]){

int temp=c[0];

c[0]=c[1];

c[1]=temp;

}

static void tukar2(int d[], int e[]){

int temp=d[0];

d[0]=e[0];

e[0]=temp;

}

public static void main(String[] args) {

int b[]={5}; int c[]={2,6};

int d[]={20}; int e[]={30};

System.out.println("nilai b="+b[0]);

kali2(b);

System.out.println("setelah dikali 10 nilai b="+b[0]);

System.out.println("nilai c[0]="+c[0]+" dan c[1]="+c[1]);

tukar1(c);

System.out.println("nilai c[0]="+c[0]+" dan c[1]="+c[1]);

System.out.println("nilai d[0]="+d[0]+" dan e[0]="+e[0]);

tukar2(d,e);

System.out.println("nilai d[0]="+d[0]+" dan e[0]="+e[0]);

System.out.println("setelah ditukar nilai bertukar secara permanen, karena pass by reference");

}

}

1. **Pass by reference-2**

package passbyreference;

public class passBref\_1 {

static void kali1(int a){

a=a\*10;

}

static void tukar(int x, int y){

int temp=x;

x=y;

y=temp;

}

static void kali2(int b[]){

b[0]=b[0]\*10;

}

static void tukar1(int c[]){

int temp=c[0];

c[0]=c[1];

c[1]=temp;

}

static void tukar2(int d[], int e[]){

int temp=d[0];

d[0]=e[0];

e[0]=temp;

}

public static void main(String[] args) {

int a=5;

int x=5; int y=6;

int b[]={5}; int c[]={2,6};

int d[]={20}; int e[]={30};

System.out.println("nilai a="+a);

kali1(a);

System.out.println("setelah dikali 10 nilai a="+a);

System.out.println("nilai x="+x+" y="+y);

tukar(x,y);

System.out.println("setelah ditukar x="+x+" y="+y);

System.out.println("nilai b="+b[0]);

kali2(b);

System.out.println("setelah dikali 10 nilai b="+b[0]);

System.out.println("nilai c[0]="+c[0]+" dan c[1]="+c[1]);

tukar1(c);

System.out.println("nilai c[0]="+c[0]+" dan c[1]="+c[1]);

System.out.println("nilai d[0]="+d[0]+" dan e[0]="+e[0]);

tukar2(d,e);

System.out.println("nilai d[0]="+d[0]+" dan e[0]="+e[0]);

}

}