// Program for shifting two values without using temporary variables

class Shift

{

public static void main(String args[])

{

int a = 10;

int b = 20;

System.out.println("Value in a is "+a);

System.out.println("Value in b is "+b);

System.out.println("Values after shifting");

a=a+b; // value of a = 30, b=20

b=a-b; // value of b = 10, a=30

a=b-a; // value of a = 20, b=10

System.out.println("Value in a is "+a);

System.out.println("Value in b is "+b);

}

}

**Output:**

