```java
class TestPass {
    int i,j;
    TestPass (int a, int b) {
        i = a;
        j = b;
    }
    void calculate(int m, int n) {
        m = m * 10;
        n = n / 2;
    }
    void calculate(TestPass e) {
        e.i = e.i * 10;
        e.j = e.j / 2;
    }
}

class PassedByValue {
    public static void main(String[] args) {
        int x,y;
        TestPass z;
        z = new TestPass(50,100);
        x = 10;
        y = 20;

        System.out.println("BEFORE PASSED BY VALUE : ");
        System.out.println("X = " + x);
        System.out.println("Y = " + y);

        z.calculate(x,y);

        System.out.println("AFTER PASS VALUE : ");
        System.out.println("X = " + x);
        System.out.println("Y = " + y);

        System.out.println("BEFORE PASSED BY REF : ");
        System.out.println("z.i = " + z.i);
        System.out.println("z.j = " + z.j);

        z.calculate(z);

        System.out.println("AFTER PASSED BY REF : ");
        System.out.println("z.i = " + z.i);
        System.out.println("z.j = " + z.j);

    }
}
```

```java
class Lagu {
    private String pencipta;
    private String judul;

    public void isiParam(String judul, String pencipta) {
        this.judul = judul;
        this.pencipta = pencipta;
    }
    public void printLagu() {
        if (judul == null && pencipta == null) {
            return;
        }
        System.out.println("Judul : " + judul + ", Pencipta : " +
pencipta);
    }
}

class DemoLagu {
    public static void main(String[] args) {
        Lagu a = new Lagu();
        a.isiParam("TESTING X","MR.X");
        a.printLagu();
    }
}

public class Manusia {
    private String nama;
    private int umur;

    public Manusia() {}

    public Manusia(String a) {
        nama = a;
    }

    public Manusia(String a, int b) {
        nama = a;
        umur = b;
    }

    public void setNama(String a) {
        nama = a;
    }

    public String getNama() {
        return nama;
    }

    public void setUmur(int a) {
        umur=a;
    }

    public int getUmur() {
        return umur;
    }
}
```

```java
public class DemoManusia {
    public static void main(String[] args) {
        Manusia arrMNS[] = new Manusia[3];
        Manusia objMns1 = new Manusia();

        objMns1.setNama("Markonah");
        objMns1.setUmur(76);

        Manusia objMns2 = new Manusia("Mat Conan");
        Manusia objMns3 = new Manusia("Bajuri",13);

        arrMNS[0] = objMns1;
        arrMNS[1] = objMns2;
        arrMNS[2] = objMns3;

        for (int i=0;i<3;i++) {
            System.out.println("Nama : " + arrMNS[i].getNama());
            System.out.println("Umur : " + arrMNS[i].getUmur());
            System.out.println();
        }
    }
}

public class Buku {
    private String pengarang;
    private String judul;

    private Buku() {
        this("CCX8","DR.RTFONE");
    }

    private Buku(String judul, String pengarang) {
        this.judul = judul;
        this.pengarang = pengarang;
    }

    private void printBuku() {
        System.out.println("Judul : " + judul + " Pengarang : " +
pengarang);
    }

    public static void main(String[] args) {
        Buku a,b;
        a = new Buku("DESCRETE","VON FOUS X");
        b = new Buku();
        a.printBuku();
        b.printBuku();
    }
}
```