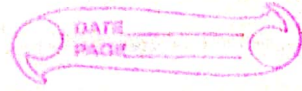


"local variable hides the class variable"



★ use of this & constructor chaining :

```
class emp {
```

```
    String fname, lname;
```

```
    int phone;
```

```
    void setfname(String fname) {
```

```
        this.fname = fname;
```

```
    }
```

```
    void setlname(String lname) {
```

```
        this.lname = lname;
```

```
    }
```

```
    void setPhone(String phone) {
```

```
        this.phone = phone;
```

```
    }
```

```
    void show() {
```

```
        System.out.println("First Name:- " + fname);
```

```
        System.out.println("Last name:- " + lname);
```

```
        System.out.println("Phone no:- " + phone);
```

```
    }
```

```
}
```

```
class empdemo {
```

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

```
        emp obj = new emp();
```

```
        obj.setfname("Sunil");
```

```
        obj.setlname("Sharma");
```

```
        obj.setPhone("987654321");
```

```
        obj.show();
```

```
    }
```

```
}
```

this is constructor chaining
must be first line.
or else compile time error
is generated.

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Constructor Chaining :

```
class Acon {
```

```
    int a, b;
```

```
    Acon() {
```

```
        This(10);
```

```
        a = 10;
```

```
        b = 5;
```

```
    }
```

```
    Acon(int c) {
```

```
        This(c, 16);
```

```
        a = c;
```

```
        b = c;
```

```
    }
```

```
    Acon(int c, int d) {
```

```
        a = c;
```

```
        b = d;
```

```
    }
```

```
    void Show() {
```

```
        s.o.p(a);
```

```
        s.o.p(b);
```

```
    }
```

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

```
        Acon obj = new Acon();
```

```
        Acon obj2 = new Acon(6);
```

```
        Acon obj3 = new Acon(5, 7);
```

```
        obj.Show();
```

```
        obj2.Show();
```

```
        obj3.Show();
```