

Using The "static" Keyword

The "static" keyword , also called as non access modifier , in Java ,is used at 3 places:

- a. We can declare "static" data member
- b. We can declare "static" method
- c. We can have static initializer blocks in Java

Special Note: In Java we cannot declare a local var as static

```
class Data
{
    int a;
    int b; } instance var

class Student
{
    int roll;
    double per;
    }
    String name;
```

```

class Data
{
    int a;

    static int b;
}

class Student
{
    int roll;
    int marks;
    String name;
    static class Marks-maker;
}

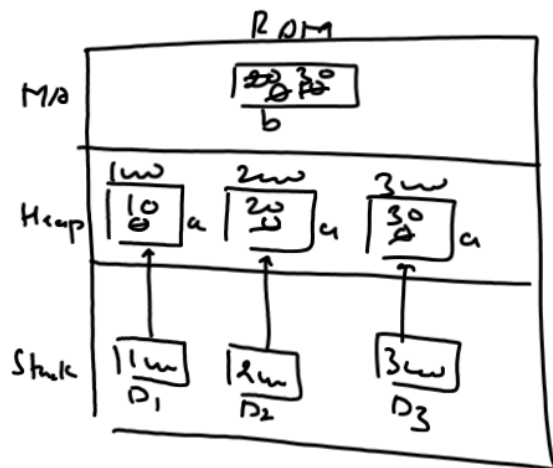
```

package staticdemo;

```

public class Data {
    public int a;
    public static int b;
}

```



package staticdemo;

```

public class UseData {
    public static void main(String[] args) {
        ✓ Data D1=new Data();
        ✓ Data D2=new Data();
        Data D3=new Data();
        D1.a=10;
        D2.a=20;
        D3.a=30;
        System.out.println(D1.a); 10
        System.out.println(D2.a); 20
        System.out.println(D3.a); 30
        D1.b=10;
        D2.b=20;
        D3.b=30;
        System.out.println(D1.b);
        System.out.println(D2.b);
        System.out.println(D3.b);
    }
}

```