

**Learn and understand scope of variables ,Demonstrate it with an suitable example.**

```
class Hospital{
    //Instance variable
    String patientName;
    int patientid;
    //Static(class) variable
    static String DocName="Dr. Murthy";
    void sethospital(String pN,int pId)
    {
        patientName=pN;
        patientid=pId;
    }
    String getpatientName()
    {
        return patientName;
    }
    int getpatientid()
    {
        return patientid;
    }
}

Public class DemoScopeofVariables{
    public static void main(String args[])
    {
        //Local variable
        String hospitalName="Apollo Hosapital";

        Hospital patient1=new Hospital();
        patient1.sethospital("Anita Joseph",101);
        System.out.println("The patient " +patient1.getpatientName()+ " With the Id "
+patient1.getpatientid()+ " is treated by "  +patient1.DocName+ " at "  +hospitalName);
    }
}
```

## **Output**

The patient Anita Joseph With the Id 101 is treated by Dr. Murthy at Apollo Hosapital