**07. learn and understand scope of variables. Demonstrate it with an**

**suitable examples.**

**package** week2;

**public** **class** Hosptial

{

//instance variable

String patientName;

**int** patientId;

//static variable

**static** String *docName* = "Dr.Murthy";

**void** sethospital(String pN,**int** pId)

{

patientName=pN;

patientId=pId;

}

String getpatientName()

{

**return** patientName;

}

**int** getpatientId()

{

**return** patientId;

}

}

**class** Demoscopeofvariable

{

**public** **static** **void** main(String args[])

{

//local variables

String hospitalname = "apollo hospital";

Hosptial patient1=**new** Hosptial();

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 hospital