**JAVA BEANS CLASS**

Java bean class is best example of encapsulation that means every encapsulation program is not a java bean class

* Java bean class variable must be declare private
* These private variables can access with the help of getters and setters method
* Getter method is help full to get the private variables
* Setter method is helpful to initialize the private variable
* Getter method name starts with get followed by variable name
* Setter method name starts with set followed by variable name

**Setter method**

* it is public in nature.
* setter method does not have specific return type.
* setter method contains arguments same as data member.
* name of method is set followed by data member name.

**Getter method**

* it is public in nature.
* return type must be same as that of data member.
* name of method is get followed by data member name.
* getter method does not have arguments.

**Example :**

**public class ClsRoom**

**{**

**private String sName;**

**private int roolno;**

**public ClsRoom(String sName, int roolno)**

**{**

**this.sName = sName;**

**this.roolno = roolno;**

**}**

**public String getsName()**

**{**

**return sName;**

**}**

**public void setsName(String sName)**

**{**

**this.sName = sName;**

**}**

**public int getRoolno()**

**{**

**return roolno;**

**}**

**public void setRoolno(int roolno)**

**{**

**this.roolno = roolno;**

**}**

**}**

**//main class**

**public class Bean**

**{**

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

**ClsRoom cs = new ClsRoom("prudhvi", 11);**

**int rn = cs.getRoolno();**

**System.*out*.println("student Rool number: "+rn);**

**String name = cs.getsName();**

**System.*out*.println("student name: "+name);**

**}**

**}**