**Encapsulation :**

Data hiding

class Example {

private int a;

// setter method and getter method

void setA(int a) {

this.a=a;

}

int getA() {

return a;

}

}

**Example :**

**class** Medical1 {

**private** String name;

**private** **int** size;

// setter and getter

String getName() {

**return** name;

}

**void** setName(String name) {

**this**.name = name;

}

**int** getSize() {

**return** size;

}

**void** setSize(**int** size) {

**this**.size = size;

}

}

**public** **class** EncapsulationDemo {

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

// **TODO** Auto-generated method stub

Medical1 a1=**new** Medical1();

a1.setName("tube");

a1.setSize(20);

System.***out***.println("name is : "+a1.getName());

System.***out***.println("age is : "+a1.getSize());

}

}