

Java basic problems

Encapsulation :

1.

```
public class EncapTest {
    private String name;
    private String idNum;
    private int age;

    public int getAge() {
        return age;
    }

    public String getName() {
        return name;
    }

    public String getIdNum() {
        return idNum;
    }

    public void setAge( int newAge) {
        age = newAge;
    }

    public void setName(String newName) {
        name = newName;
    }
    public void setIdNum( String newId) {
        idNum = newId;
    }
}

public class RunEncap {

    public static void main(String args[]) {
        EncapTest encap = new EncapTest();
        encap.setName("James");
        encap.setAge(20);
        encap.setIdNum("12343ms");

        System.out.print("Name : " + encap.getName() + " Age : " +
encap.getAge());
    }
}
```

2.

```
class Student {  
    private int Student_Id;  
    private String name;  
  
    public int getId() {  
        return Student_Id;  
    }  
    public void setId(int s_id) {  
        this.Student_Id = s_id;  
    }  
    public String getname() {  
        return name;  
    }  
    public void setname(String s_name) {  
        this.name = s_name;  
    }  
}
```

```
class Main{  
    public static void main(String[] args) {  
  
        Student s=new Student();  
  
        s.setId (27);  
        s.setname("Tom Lee");  
  
        System.out.println("Student Data:" + "\nStudent ID:" +  
s.getId()                                + " Student Name:" + s.getname());  
    }  
}
```