## **OBJECT ORIENTED PROGRAMMING** USING



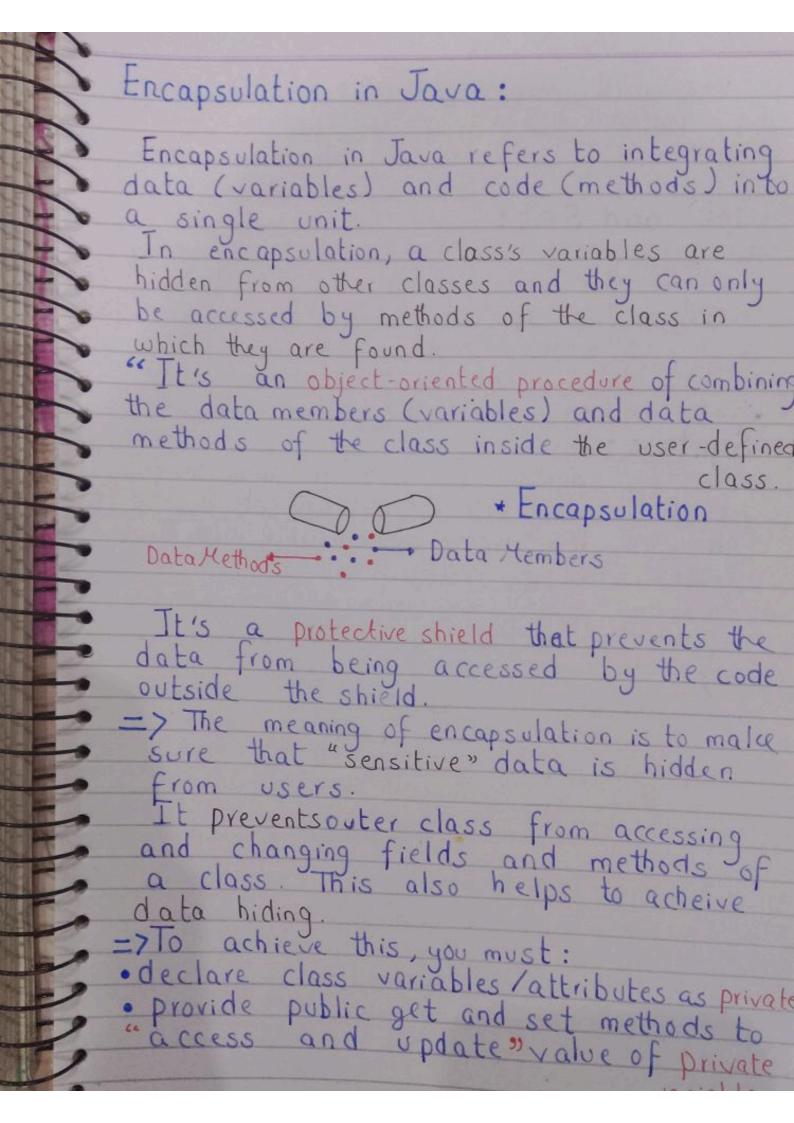
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Checkout more on https://github.com/Sy-hash-collab



Sy-hash-collab



We will make a controlled access of it. by using: · Cretter: To access any private member · Setter: To modify any private member. Get and Set: => As, private variables can only be accessed within the same class. It's possible to access them if we provide public get and set methods. · get method - returns the variable value · set method - set the value. Syntax: Syntax for both is that they start with either get or set, followed by name of variable with first letter in uppercase. public class Person private String name; public String get Name () return Name; public void setName (String newName) this.name = newName;

class Encapsulate & " private variables declared private String name; private int rollno; private int age; public int get Age () " get method for age { return age; } Public String get Name () " get method for name { return name; } Public int getRollno () / get method for rollno { return rollno; } Public void set Name (String new Name) { this.name = newName; } public void set Age (int new Age)
{ this.age = new Age; } public void set Rollno (int new Rollno) { this. rollno = newRollno; } public class Main & public static void main (String [Jargs) obj. set Name ("John"); "setting values
obj. set Age (19); of variables.

"Displaying values of variables System out print ln ("Name:"+ obj.get Name(),)"
System out print ln ("Age:"+ obj.get Age ());
System out print ln ("Roll no:"+ obj.get Rollno());" Output: Name : John Age: 19 Rollno: 51 In C++, the datamembers are by default publice. In C++, the datamembers are by default publice. "Dackage". The returntype of getter is same as the returtype of the datamember. Setter method is always public and void. It always has one parameter only and the parameter has same datatype as that of datamember. public void set Name (parameter) this . datamember = Parameter;