

## ENCAPSULATION

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### TECHNICAL QUESTIONS:

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- 1.What is encapsulation in Java?
- 2.Why is encapsulation important?
- 3.How do you achieve encapsulation in Java?
- 4.What are getters and setters?
- 5.What is the difference between encapsulation and abstraction?
- 6.What are access modifiers used in encapsulation?
- 7.Can encapsulation be achieved without getters/setters?
- 8.Why are variables declared private in encapsulation?
- 9.What is a POJO class?
- 10.Can we make a class fully encapsulated? How?

### TASKS:

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- 1.Create a class Student with:  
private variables (name, age)  
public getter and setter methods
- 2.Create a class Employee:  
private salary field  
set and get salary
- 3.Create a class BankAccount:  
private balance  
getter to view balance
- 4.Create a class with:  
private field  
only getter (read-only class)
- 5.Create a class with:  
private field  
only setter (write-only class)