



JAVA

Encapsulation in Java

JAVA: Encapsulation in Java

- **Encapsulation in Java** : Encapsulation in Java is a process of wrapping code and data together into a single unit.
- User can create a fully encapsulated class in Java by making all the data members of the class private. And use setter and getter methods to set and get the data in it.

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- **Advantage of Encapsulation in Java**
- By providing only a setter or getter method, you can make the class **read-only or write-only**.
- It provides you the control over the data.
- It is a way to achieve **data hiding** in Java because other class will not be able to access the data through the private data members.

Will see you in Next Lecture...

Thank you!

A close-up photograph of a hand holding a black marker, completing the word 'Thank you!' in a cursive script on a white surface. The hand is positioned on the right side of the frame, with the index and thumb fingers visible, holding the marker. The marker is black with a silver band. The text 'Thank you!' is written in a fluid, cursive style, with the exclamation mark being the final stroke. The background is a plain, light-colored surface.

See you in next lecture ...