



# JAVA

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*Abstract Class in Java*

## *JAVA: Abstract Class in Java*

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- **Abstract Class** : Class which is declared with the abstract keyword is known as an abstract class. It can have abstract and non-abstract methods.
- Abstract methods are the Methods without implementation.
- **Abstraction** is a process of hiding the implementation details and showing only functionality to the user. Abstraction lets you focus on what the object does instead of how it does it.
- Abstract Class needs to be extended and its method implemented. Abstract Class cannot be instantiated.

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- **Important Points About Abstract Class:**
- An abstract class must be declared with an abstract keyword.
- It can have abstract and non-abstract methods.
- It cannot be instantiated. It can have constructors and static methods also.
- In Abstract Class, at least one methods should be abstract.

*Will see you in Next Lecture...*

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*Thank you!*

A close-up photograph of a hand holding a black marker, completing the cursive word 'Thank you!' 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's tip is just finishing the exclamation point. The background is a plain, light-colored surface.

*See you in next lecture ...*