



# JAVA

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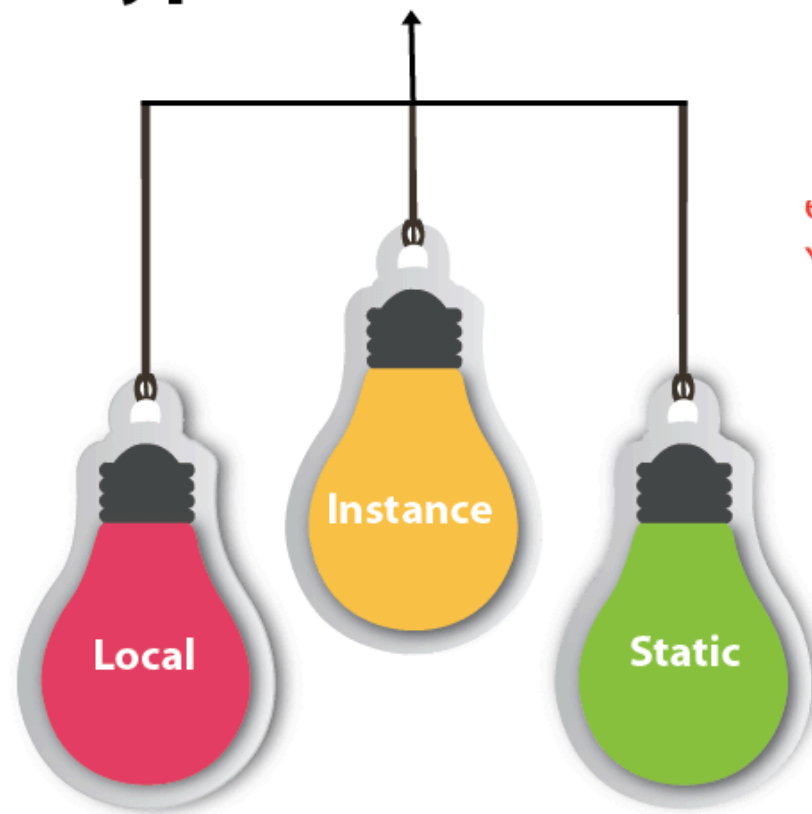
*Variables & DataTypes in Java*

# *JAVA: Variables & DataTypes in Java*

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- Variable : A variable is a container which holds the value while the java program is executed.
- A variable is assigned with a datatype.

## **Types of Variables**



## *JAVA: Variables & DataTypes in Java*

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- **Local Variable** : A variable declared inside the body of the method is called local variable. You can use this variable only within that method and the other methods in the class aren't even aware that the variable exists.
- **Instance or Class Variable** : A variable declared inside the class but outside the body of the method, is called instance variable.
- **Static Variable** : A variable which is declared as static is called static variable. It cannot be local.

## *JAVA: Variables & DataTypes in Java*

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- Data types specify the different sizes and values that can be stored in the variable.
- Boolean : True/False
- Char : Single Unicode Character
- Int : 32-bit Integer Value
- Long : 64-bit Integer Value
- Double : 64-bit Decimal Value

*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 mark. The background is a plain, light-colored surface.

*See you in next lecture ...*