

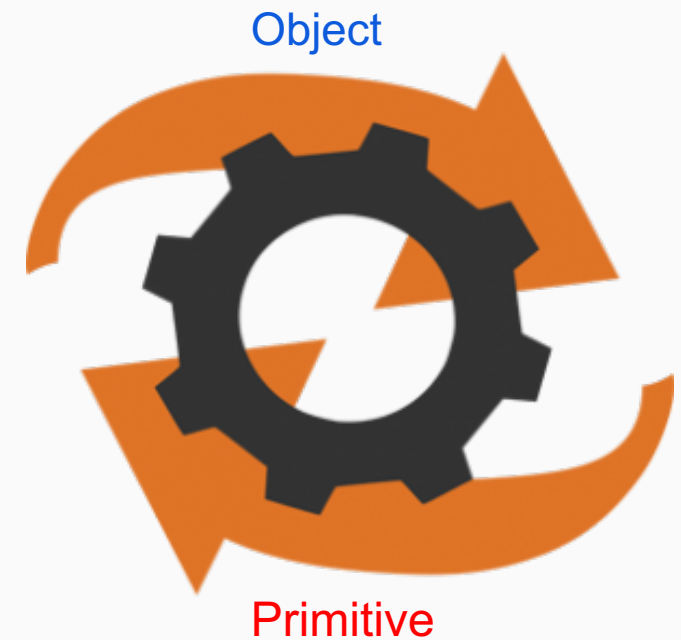


## Wrapper Classes

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# Wrapper Classes

- Dedicated classes of eight primitives
- Presented in “`java.lang`” package
- Used to “`wrap`” the primitive data type into into an object of that class
- Provide the mechanism to convert primitive into object and object into primitive



# Wrapper Classes

| Primitives | Wrapper Classes |
|------------|-----------------|
| byte       | Byte            |
| short      | Short           |
| int        | Integer         |
| long       | Long            |
| float      | Float           |
| double     | Double          |
| char       | Character       |
| boolean    | Boolean         |

# Autoboxing vs unboxing

- Autoboxing converts **primitive** into wrapper class **object**
- Unboxing converts wrapper class **object** into **primitive**

