



# WRAPPER CLASSES

# Wrapper Classes

- Each of Java's eight primitive data types has a class dedicated to it. These are known as **wrapper classes** because they "wrap" the primitive data type into an object of that class.
- The wrapper classes are part of the **java.lang** package, which is imported by default into all Java programs.
- Wrapper class in Java provides the mechanism to convert primitive into object and object into primitive.

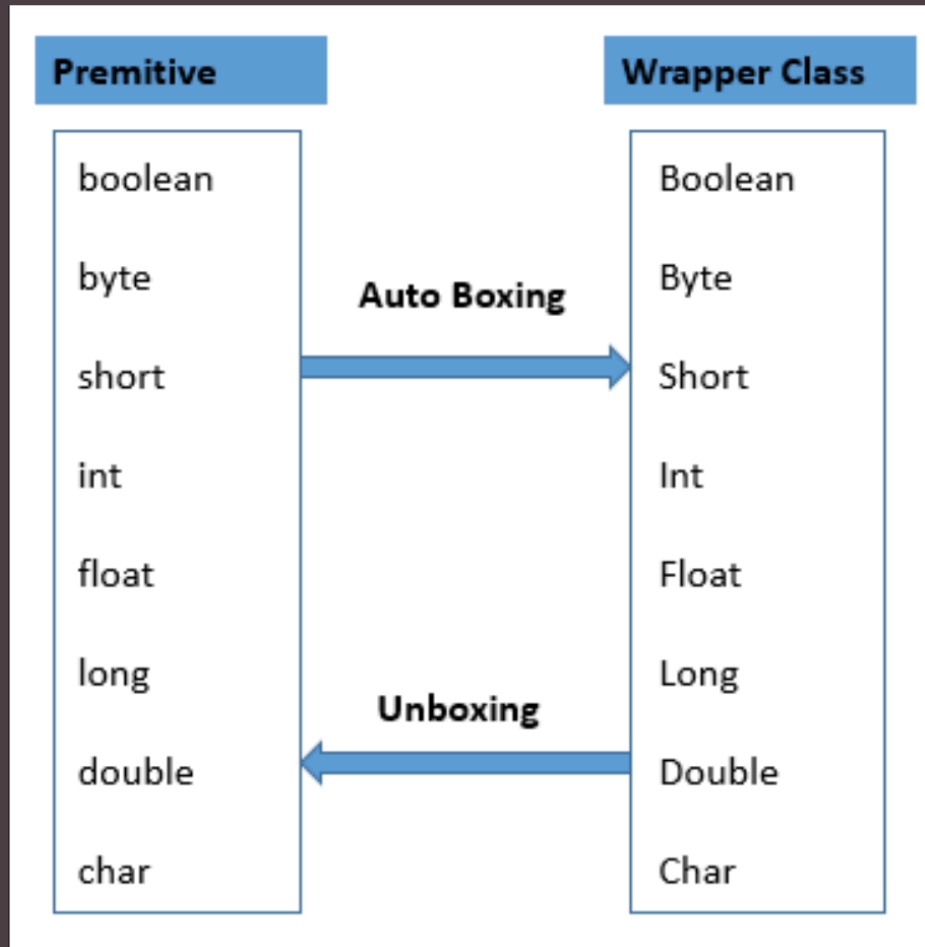
# Wrapper Classes

Primitive Type	Wrapper Class
boolean	Boolean
char	Character
byte	Byte
short	Short
int	Integer
long	Long
float	Float
double	Double

# Parsing Values from A String

```
String numberAsString = "2018";  
System.out.println(numberAsString); //2018  
  
int number = Integer.parseInt(numberAsString);  
System.out.println(number); //2018  
  
numberAsString += 1; //20181  
number += 1; //2019  
  
double number = Double.parseDouble(numberAsString);  
System.out.println(number); //2019.0
```

# Autoboxing vs Unboxing



- Autoboxing converts primitive into object
- Unboxing converts object into primitive