

CNPS 12A 5-25-10

11

Ex. Counter.java

```
void click() {  
    this.value++;  
    if (this.value == this.limit)  
        this.value = 0;  
}
```

add this:

```
public String toString() {  
    return String.valueOf(this.value);  
}
```

# wrapper classes in java.lang

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Primitive type

Wrapper class

int

Integer

long

Long

short

Short

byte

Byte

char

Char

float

Float

double

Double

boolean

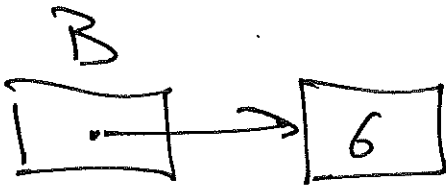
Boolean

Ex.

Integer A = new Integer(6);



Integer B = new Integer("6");



see methods:

toString()

valueOf()

compareTo()

equals()

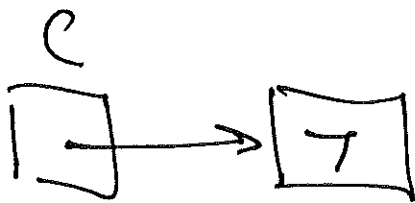
doubleValue()

Continuing last example

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A.compareTo(B) returns 0

Integer C = new Integer(7);



A.compareTo(B) == 0 true

A.compareTo(C) < 0 true

C.compareTo(A) > 0 true