

$(int)a/b$

$$\begin{aligned} a &= 1 \\ b &= 0.5 \end{aligned}$$

Use a for loop to calculate the sum of 1..10 and print it.

```
for ( int count=1 ; count <= 10 ; count++ ) {  
  
}
```

String sum = "sum: ";

+ on a String -concatenation

"Hello" + "World"

result: "HelloWorld"

"Hello" + 6

result: "Hello6"

Scanner methods

next()

nextLine()

nextInt()

nextDouble()

hasNext()

→ hasNextInt()

hasNextDouble()

0. set up Scanner
1. ask for an int
2. declare number
3. check if the user types an int
if not
complain
otherwise
print the number

↙ not
if (! input.hasNextInt())
! true is false

> ↑ Hello