

Quiz 3: Operators

Name: _____

CSCI 110 Section 1

Monday, August 22, 2016

- 1) Determine the result of evaluating each expression on the left: true, false, error, or don't know. [100 points]

`1003 % 10 >= 2`

`2.35 * 4 != 8`

`21 / 3 + 8 * 4 - 11 < 28`

`"Hello" + 5 > "world"`

`String s = "human";
s == "human"`

`("mario" + "mushroom")
.equals("super mario")`

`int a = 2; int b = 56;
a - b < b + a`

`int num = 42;
num % 2 != 0`

`55 % 5 == 10`

`int x = 3; int y = 7; int z = 9;
x * z + y * x > y * z + z / x`

- 2) What gets printed when the below code is run? [extra credit, 20 points]

```
int a = 12;  
int b = 24;  
if (b / (a - 3) != 3) {  
    System.out.println(b - a);  
} else {  
    System.out.println(a + b);  
}
```