**44643 Mobile Computing-iOS**

**Operators :**

1. Evaluate each of the following expressions.

(a) (4 > 5 && 8 > 3) true false

(b) (5 > 7 || 8 < 2 \* 5) true false

(c) !(5 <= 4 || 6 != 5 && 10 >= 4) true false

1. Assume we have declared and initialized the variables below.

**var x : Int = 12;**

**var y : Int = 7;**

**var z : Int = 5;**

**var a : Bool = true;**

**var b : Bool = false;**

Evaluate the following expressions.

(a) (x - z == y) true false

(b) (x \* z > z \* y || b) true false

(c) (x \* z < z \* y && a) true false

(d) (x \* z > z \* y && a || b) true false

(e) !(x \* z > z \* y && a || b) true false

1. Evaluate each of the following expressions
   1. var firstNumber : Int = 10

var secondNumber : Int = 25

print(secondNumber / firstNumber)

**Output: 2**

* 1. var four = 4

var finalNumber = -four

print(finalNumber)

**Output: -4**

* 1. var number1 = (3,4)

var number2 = (4,5)

print(number1 < number2 )

**Output: true**