# Lesson 11 -Boolean Conditionals -Homework Part1

#### Instructions:

* *Please review the journals and Lesson 11 all the operators concepts before you start this homework.*
* *Please note that these questions are not of debugging so there are no errors in the following code.*
* *Each question has its own point values. So please read the questions carefully.*

//Boolean Operators

1. Consider the following inputs: c = 5; b = 8; d = 3. What does the following expression return? (c < b) OR (b < d) -2pts

2. How many different values can a Boolean represent? -1pts

//Addition Operator

3. Read the following code: What is the end states of code 1,2 and 5 lines? -3pts

1.console.log(30+50);

2.console.log("30"+"50");

3.var x=30;

4.var y=50;

5.console.log(x+y);

//Subtraction Operator

4. Read the following code: What is the end states of code 1 and 4 lines? -2pts

1.console.log(30-50);

2. var x=30;

3. var y=50;

4. console.log(x-y);

//Multiplication Operator

5. Read the following code: What is the end states of code 1 and 4 lines? -2pts

1.console.log(3\*5);

2.var x=3;

3.var y=5;

4.console.log(x\*y);

//Division Operator

6. Read the following code: What is the end states of code 1 and 4 lines? -2pts

1.console.log(30/50);

2.var x=30;

3.var y=50;

4.console.log(30/50);

//Equality Operator

7. Read the following code: What is the end states of code 3,4 and 7,8 lines? -4pts

1.var x = 5;

2.var y = 4;

3.console.log(x == 5);

4.console.log(x == y);

5.var x = "King David";

6.var y = "KING DAVID";

7.console.log(x == "King David");

8.console.log(x == y);

//InEquality Operator

9. Read the following code: What is the final output of the below code. -2pts

var x = 10;

var y = "10";

if(x != y)

{

console.log("equivalent")

}

else

{

console.log("not equivalent")

}

//Greater than Operator

10. Read the following code: What is the end states of code 3 and 4 lines? -2pts

1.var x = 15;

2.var y = 14;

3.console.log(x >14);

4.console.log(x > y);