**Jake Lorah**

**EACH QUESTION BELOW IS WORTH 10 POINTS. PLEASE ANSWER CLEARLY IN THE SPACE PROVIDED.**

1. What is an event?

An event is a specific action taking place on the site that causes the browser to run a set of JavaScript commands as a result.

1. What is an event handler?

When an event is triggered in a website, a block of code is executed as a result. That code is the event handler.

1. Name and describe any 3 event handlers supported by JavaScript.

3 event handlers are onclick (user clicks on the element), onmouseenter (moved onto an element), and onmouseleave (moved out of an element).

1. What is the purpose of the newDate function?

You use the newDate function for when you assign the date information to a new null variable.

1. Describe a benefit of using date methods.

A benefit of using date methods is they allow you separate and format this string into individual values for Day of the week, Day of the month, Month of the year, Two digit year, Four digit year etc.

1. List and describe any 3 date methods covered in class.

Three date methods covered in class are getDate, getMonth, and getFullYear.

1. What is an operator?

An operator is an element that can be used within an expression to perform an action, such as adding or combining multiple elements.

1. How is an operator different from an operand?

An operator is the element used to perform an action. The variables and/or expressions that the operator is being applied to are known as operands.

1. Describe the difference between unary operators and binary operators?

If an operator impacts just one operand it is known as a unary operator. If an operator impacts two operands in an expression it is known as the binary operator.

1. Describe the purpose of arithmetic operators?

The purpose of arithmetic operators is that In JavaScript programming, they are used in mathematical formulas to perform simple math.