JAVASCRIPT BASIC DEFINITIONS

**GOALS:**

1-DEEPLY UNDERSTAND THE MEANING OF EACH OF THESE TERMS

2-UNDERSTAND HOW THE CORRELATE WITH EACH OTHER

**TASKS:**

1-DEFINE EACH TERM IN A VERY UNDERSTANDABLE WAY.

2-GIVE AN EXAMPLE OF WHAT EACH OF THEM LOOK LIKE SO WE CAN BE VERY CLEAR ON THEM

**VARIABLES:** You can place data into these containers and then refer to the data simply by naming the container. Before you use a **variable** in a **JavaScript** program, you must declare it. **Variables** are declared with the var keyword as follows.

EXAMPLE:

var cutePuppies =

The data that you place on the other side of the equation, will be called and activated simply by naming the variable

**VALUES:** In **JavaScript's** system, most of this data is neatly separated into things called **values**. Every **value** has a type, which determines the kind of role it can play. There are six basic types of **values**: Numbers, strings, booleans, objects, functions, and undefined **values**.

**MY OWN WORDS: A value is the content to the right of the variable.**

**PROPERTIES:** a property is an association between a variable **name** (or key) and a value. A property's value can be a function, in which case the property is known as a method.

**OBJECTS:** An **object** is a collection of properties

**FUNCTIONS:** A **function** is a **JavaScript** procedure—a set of statements that performs a task or calculates a value. To use a **function**, you must define it somewhere in the scope from which you wish to call it. See also the exhaustive reference chapter about**JavaScript functions** to get to know the details.Sep 29, 2017

**METHODS: JavaScript methods** are the actions that can be performed on objects. A **JavaScript method** is a property containing a function definition.

**CONTAINERS:**

**MY OWN WORDS: The container is the equivalent to the variable. It contains both the data, and the name of the data known as a variable**

**PARAMETERS:**

**MY OWN WORDS:** Parameters are the values that go into the function. They’re variables that act as placeholders for the values that are to be input into a function. When you call the function, you’re going to type it’s name

EXAMPLE:

Function kitty(number){

}