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🎵 **Are we Java or are we Scripters?** 🎵

Welcome to day 2 of JavaScript!
Yesterday we went over some of the basics of coding. We talked about variables, functions, arrays, and the different data types. This sheet is meant to help us review and solidify that information.

Match the declared Variable with the Data Type.

var x =5;   String

var x="Cheesy Bacon";   Number

                                                                              Undefined
var x;   Array

var heroes["Batman","Steve","Thomas the Tank Engine","Master Chief "];

After you complete that congratulate yourself. Here is a picture of some cheesy bacon fries, and a baby bat who thinks he/she is batman.

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Label each picture based on if it is an angry baby bat or a picture of cheesy bacon covered fries.
MMMMMM I bet you are hungry now for some more JAVASCRIPT.
Wow you dominated that last one! You are a bat/cheesy bacon fries detective.

Below we have our Challenge CODE for variables. I want to make sure we understand each part of the code so let's label it with the SUPER AWESOME WORD BANK OF POWER!!!!!!!
After Each Line I will have a RED BLANK make sure you place the appropriate word there. Word can be used more than once but do not have to be!
//the blanks below will be **labels** not actual **code** but **still from the word bank!**

```
<!DOCTYPE html>   _____

<html lang="en">

<head> _____

<script>_____
        //Variables storing player information.

_____
//The blanks below will be code snippets from the word bank

_____

_____

_____

_____


if (_____>0)
{
```

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```
        //Console logs display player information.
        //Enter variable names without quotes.
        console.log("Player's name: " + _____);

        console.log("Player's health: " + _____);

        console.log("Player's damage dealt: " _____);

}
else
{
console.log("oooops our hero " +_____+" has failed his goal of

    completing "+ _____ + " Because your health has reached below 0". ;
}
```

// hint think what you want to be printed to the console. You have to use the word bank so you cannot just write what you want the else or if statements to say. You must use variables!

// Blanks below will be **LABELS from the word bank**

```
        </script>_____
</head>_____
<body>_____

</body>_____
</html>_____
```
WORD BANK IS ON THE NEXT PAGE! GO MAKE A WITHDRAWAL!

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WOW THAT IS AN AMAZING PICTURE OF A BANK! WHERE DID YOU FIND THAT!???

Open HTML Tag   Open Head Tag
Closed HTML Tag   Closed Head Tag
Open Script Tag   var name="baby bat master of all bacon";
Closed Script Tag   var health=100;
Open Body Tag   var attack=25;
Closed Body Tag   var quest="the quest for the magical bacon fries of immortality ";
Above and Below this are JavaScript Comments.
name
health
attack
quest

Now things get a bit harder.

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I am going to give you questions you write the answer to, but THE WORD BANK IS CLOSED!
You will need to use your ultimate javascript/crime fighting tool.
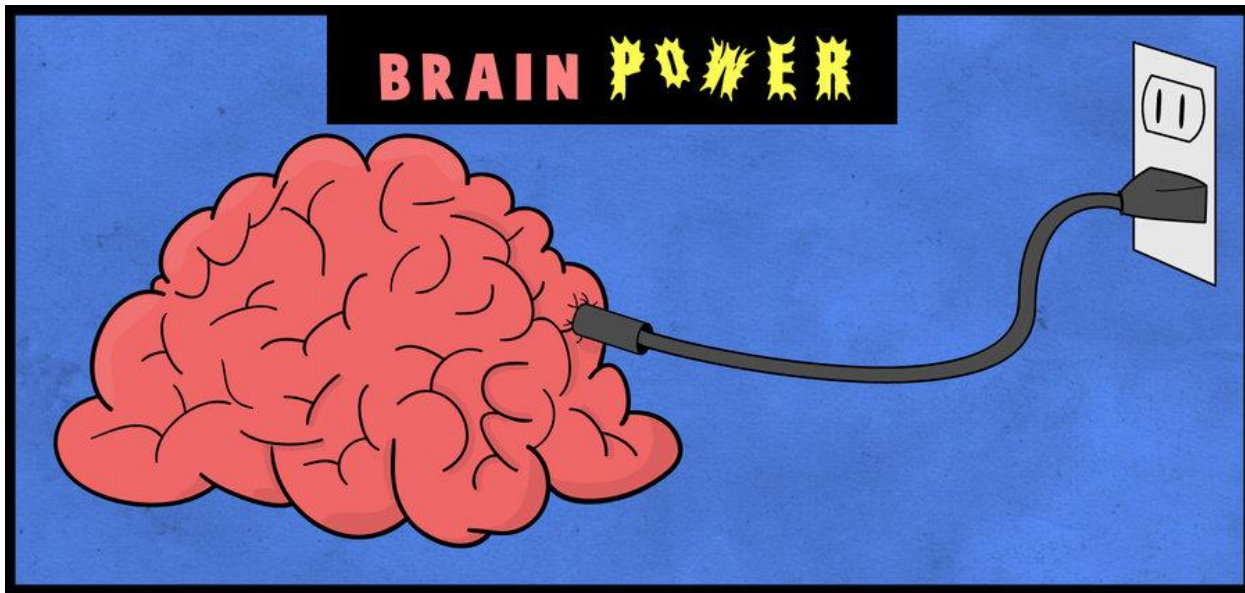
What **TAG** do we write our code in?

_____

Each **TAG** must have both a _____ and a _____ Bracket.

We are working in the program_____

We are saving our code in your_____ Folder on your Desktop.

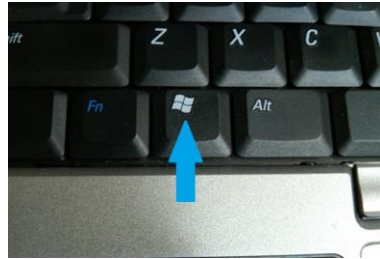To **open** a file we **CLICK** the _____ menu located at the top LEFT of our Brackets Program.

To **save a file for the first time** we click on the _____ menu on the top LEFT of our screen and click **save as**. We then navigate to our name folder. **We Click This PC**, Then **Desktop**, and finally the folder with our_____as the name. **YOUR folder should be named_____**(hint: if you cheat off your neighbor this one is going to be wrong.)
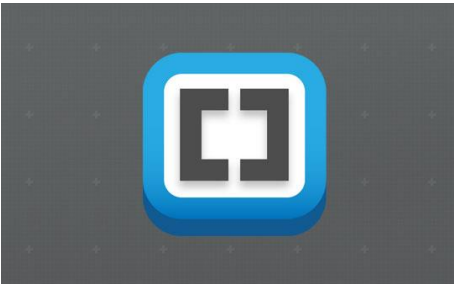
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After we save for the first time we can either go to file and click save or hit ctrl+_____.
We should make sure to do this often because we do not want to lose any of our precious code!!!

To find Brackets we hit the ____ key AND THEN simply start typing the word ____ "Brackets".

The program's ICON should look like the one to the left of this sentence.

The **first tag we need is always that html tag** we see in the above example. Then we must include a **head and body tag** and then **in the head or body tag** we include a **SCRIPT TAG.**

The **head tag** is code for the **top** of the page. The **body tag** is code on the rest of the page below the head tag. We want most of our code in the body tag.
Do not forget to close the tags and put your **;** at the end of your code!

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Here is an epic minecraft castle I found on the internet to keep you motivated!

Maruku 2012