

**//Data Types** - Create variable for each data type below using the example provided for a string

**//String** - denoted/represented by " " ' ' - they are great for words, language  
var firstName = "Tedd"  
console.log(firstName)

**//Number** - anything of numerical value - just a number

**//Boolean** - true or false

**//Array** - are denoted/represented by [] - are great for holding multiple pieces of data  
-use bracket notation [] here with the array you created use

**//Object** - denoted/represented by {} - great for describing something in detail - like a billing address  
-use dot notation . here with the object you created .

Create an object - use each datatype as a property  
Use dot and bracket notation to display your knowledge  
Below is a variable set equal to an object datatype

**//Conditional Statement**

```
if (this is true){ execute this code }  
else if (this is true) {do this code instead!}  
else {for anything else do this here!}
```

Using the variable provided below create a conditional statement  
Using below example below to create your own conditional statement.

```
var color = "blue"  
if (color === "blue") {  
    console.log("I am red!")  
} else if (color === 'red') {  
    console.log("I am blue!")  
} else {  
    console.log(" i am something else!")  
}
```

**//For Loops** - A their most elementary form they are just creating an number line for us; starting at a number and ending at a number - these number are represented by a single variable, named i

```
//for (#1Step start point; #2Step end point; #4Step howtogetthere){  
    #3Step what to do  
}
```

```
i = i + 1 same i++  
Create 1 for loop  
for (var i = 0; i < 11; i++ ) {  
    console.log(i)
```