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OBJECTS - ARE 'PASSED-BY-VALUE' TO FUNCTIONS**

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AND THE FUNCTION WORKS WITH
THE COPY - NOT THE ORIGINAL.

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VARIABLE, THE ORIGINAL IS UNCHANGED.**

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```
function passByValueExample() {  
  var x = 10;  
  var y = "Vitthal";  
  console.log("Initial values (in calling function) = " + x + " " + y);  
  modifyX(x,y);  
  console.log("Final values (in calling function) = " + x + " " + y);  
}  
  
function modifyX(someNumber,someString) {  
  console.log("Values passed into function = " + someNumber + " and " +  
someString);  
  someNumber = someNumber + 10;  
  someString = "HumptyDumpty";  
  console.log("Values passed into function have been modified to = " +  
someNumber + " and " + someString);  
}
```

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someString);  
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  console.log("Values passed into function have been modified to = " +  
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}
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**TWO VARIABLES, ONE A NUMBER, THE
OTHER IS A STRING.**

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  console.log("Initial values (in calling function) = " + x + " " + y);  
  modifyX(x,y);  
  console.log("Final values (in calling function) = " + x + " " + y);  
}
```

**THE VARIABLES ARE PASSED INTO A
FUNCTION..**

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function modifyX(someNumber,someString) {  
  console.log("Values passed into function = " + someNumber + " and " +  
someString);  
  someNumber = someNumber + 10;  
  someString = "HumptyDumpty";  
  console.log("Values passed into function have been modified to = " +  
someNumber + " and " + someString);  
}
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  var y = "Vitthal";  
  console.log("Initial values (in calling function) = " + x + " " + y);  
  modifyX(x,y);  
  console.log("Final values (in calling function) = " + x + " " + y);  
}
```

**AND THAT FUNCTION MODIFIES THE
VALUES OF THE VARIABLES PASSED IN**

```
function modifyX(someNumber,someString) {  
  console.log("Values passed into function = " + someNumber + " and " +  
someString);
```

someNumber = someNumber + 10;

someString = "HumptyDumpty";

```
  console.log("Values passed into function have been modified to = " +  
someNumber + " and " + someString);  
}
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  var y = "Vitthal";  
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  modifyX(x,y);  
  console.log("Initial values (in calling function) = " + x + " " + y);  
}  
Values passed into function = 10 and Vitthal  
Values passed into function have been modified to = 20 and HumptyDumpty  
f) Final values (in calling function) = 10 Vitthal  
console.log("Values passed into function = " + someNumber + " and " +  
someString);  
someNumber = someNumber + 10;  
someString = "HumptyDumpty";  
console.log("Values passed into function have been modified to = " +  
someNumber + " and " + someString);  
}
```

EVEN IF THE FUNCTION MODIFIES THE VARIABLE, THE ORIGINAL IS UNCHANGED.

Initial values (in calling function) = 10 Vitthal

Values passed into function = 10 and Vitthal

Values passed into function have been modified to = 20 and HumptyDumpty

Final values (in calling function) = 10 Vitthal

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Values passed into function = 10 and Vitthal

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Final values (in calling function) = 10 Vitthal

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Values passed into function = 10 and Vitthal

Values passed into function have been modified to = 20 and HumptyDumpty

Final values (in calling function) = 10 Vitthal
