

Questions

Explain the difference between the == operator and the === operator.

The === is used when you want to test if a value is precisely equal to the other, the == operator is used when you want to test if a value is the same with automatic type conversion. So if you want to test if two values with different types are equal, you should use the == operator.

Explain what a closure is. (Note that JavaScript programs use closures very often.)

A closure is a function that 'closes over' some local variables, it is able to reference a specific instance of local variables. If you are using closure you can use the local variable outside the function because you return the local variable in some way at the end of the function.

Explain what higher order functions are.

Higher order functions are functions that operate on other functions, by taking them as arguments or by returning them. Through the use of higher-order functions you can abstract over actions, you can for example create new functions in a function.

Explain what a query selector is and give an example line of JavaScript that uses a query selector.

A query selector is used to select elements from the dom. The query selector method will return only the first matching element or null if no elements match.

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<script>  
  var hat = document.querySelector("#hat");  
</script>
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