

Re: js Newbie

Source: <http://www.tech-archive.net/Archive/Scripting/microsoft.public.scripting.jscript/2004-07/0289.html>

From: ilir hoti (*ihoti2001_at_ntlworld.com*)

Date: 07/18/04

Date: Sun, 18 Jul 2004 08:09:50 GMT

Steve van Dongen [MSFT] wrote:

> *On Sat, 17 Jul 2004 18:43:20 GMT, ilir hoti <ihoti2001@ntlworld.com>*

> *wrote:*

>

>

>>*Lee wrote:*

>>

>>

>>>*ilir hoti said:*

>>>

>>>

>>>>*Hi guys*

>>>>*having great difficulty with figuring out the dropVowels functionneed*

>>>>*some urgent help, please, thanks in advance.*

>>>>*here is my code*

>>>>

>>>>*any suggestions would be greatly anticipated,*

>>>>

>>>>*I suggest you drop the class.*

>

>

> *Although in the end it may in fact turn out to be a good suggestion,*

> *lets not be hasty. :)*

>

>

>>*OK first of all I guess you are pretty good at JS, yes you are absolutly*

>>*right i did copy some of the code.*

>>*But I would appreciate if you could give me some help instead of having*

>>*a go. No doubt that you were once a complete novice, unless you were*

>>*born with the talent of programming. And as such you will appreciate*

>>*that i am finding it very difficult to come up with an answer to this*

>>*particular question. so i made the effort for a good few hours today and*

>>*wrote my own code. Here it goes:*

>

>

> *You will find that most people can fairly easily spot homework-style*

> *problems, having also done them at some point in their lives, and will*

> generally opt to either ignore the post completely or will offer hints
> rather than simply providing a complete, working solution.
>
> Ironically, if this is indeed a homework question, it's a really bad
> one considering you can delete all the vowels with one built-in
> function call.
>
> Anyways...

```
>>function dropVowel(aCharacter)
>>{
>>var aCharacter = vowelString['a','A','e','E','i','I','o','O','u','U']
>>}
>
>
> Here there is a function that is presumably the function that you are
> asking for help writing, yet it is never called and effectively does
> nothing. All it does is create and (incorrectly) initialize a local
> variable.
```

```
>>var resultString="";
>>var inputString = window.prompt('enter your string here', "");
>>var vowelString= ['a','e','i','o','u','A','E','I','O','U'];
>>var position="";
>>{
>>for (var position=0; position<resultString; resultString=position+1);
>
>
> for statement
> http://msdn.microsoft.com/library/default.asp?url=/library/en-us/script56/html/js56jsstmfor.asp
>
> Consider what this loop does...
> 1. Initialize position=0
> 2. Compare position ( 0 ) < resultString ( " ). What is the logical
> result of testing whether 0 is less than an empty string?
> 3. Assuming the above test evaluates to false, resultString is set to
> position+1 ( 1 )
> 4. Note that your for statement ends in a ; meaning that there are no
> statements executed on each loop iteration.
```

```
>>}
>>if (inputString!=vowelString)
>>{
>>document.write(inputString != vowelString + '<BR>'+ resultString)
>>}
>
>
>>I know this is so wrong, but could you point out where i am going wrong.
```

>
>
> *Where you are going wrong is not first thinking about what you are
> trying to accomplish. You have to think about the problem and break
> the it up into smaller pieces. People who cannot think about and
> understand the problem cannot write a program to solve it.*
>
> *When I interview people, I am primarily looking for problem solvers.
> If you happen to be write code proficiently in the languages we use,
> great, but if not then I don't kick you out the door and there is
> still a chance you will get hired. Good programmers can learn new
> languages without much difficulty. Learning problem solving and the
> thinking processes involved *before* writing code is much more
> difficult. In fact I have heard some people claim that these skills
> actually cannot be taught -- that it comes naturally to people who
> turn out to be good programmers.*
>
> *First, define the problem. You never really said what you are trying
> to do, but I deduce that the problem is --
> Delete all the vowels from a string.*
>
> *Then think about how you do that --
> Check whether each character is a vowel, and if it is, delete it.*
>
> *Then start writing psuedo-code for the logic --
> prompt for a string
> loop through each character in the string
> if the current character is a vowel...
> delete the current character from the string
> display the result*
>
> *At this point, you might look at the psuedo-code above and think, "How
> do I know if the current character is a vowel?" followed by "That
> would probably be a good thing to have a function for". Then you
> would start writing psuedo code for that --
> function IsVowel (takes a character as an input parameter)
> if the character is a, e, i, o, or u then it is a vowel
> otherwise it is not*
>
> *Now, the entire problem is solved. Up until this point you have
> simply been planning and thinking about what you are trying to
> accomplish. As you start to write the program you will have to start
> thinking about language-specific details. For example, lets say you
> were writing the code for this step --
> delete the current character from the string
> If you were writing the code in C++ you would likely not literally
> "delete a character from the string". Instead, you would loop through
> the string, copying non-vowel characters overtop of vowel characters,
> and then terminate the string. Likewise, if you were implementing
> this in JScript (which you are obviously), you would probably loop
> through the string, copying non-vowel character overtop of vowel*

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> *characters, and then (because you cannot terminate a string like you
> can in C++) copy the substring of characters you want to keep to a new
> string.*

>

> *Hopefully by now I've given you enough to think about.*

>

> *JScript Fundamentals*

> <http://msdn.microsoft.com/library/en-us/script56/html/js56jsconjscrip fundamentals.asp>

>

> *Regards,*

> *Steve*

> --

> *Please post questions to the newsgroup; everyone benefits.*

> *This posting is provided "AS IS" with no warranties, and confers no rights.*

> *Sample code subject to <http://www.microsoft.com/info/copyright.htm>*

Thank you very much, Steve.

in any other circumstance i would follow the logical path to solving a problem. but in programming i get stuck. maybe this is because i have not read all the literature as i should have done and give myself enough time to prepare. but thank you very much again. it all makes sense now

Regards,

Iilir