# Substrings in JavaScript

The following are the 3 methods in JavaScript that can be used to **retrieve a substring from a given string**.  
substring()  
substr()  
slice()

Extract the first 10 characters

var str = "JavaScript Tutorial";

var result = str.substring(0, 10);

alert(result);

Output : JavaScript  
  
If the value of **start parameter** is greater than the value of the **end parameter**,

then start will be used as end and end will be used as start

var str = "JavaScript Tutorial";

var result = str.substring(10, 0);

alert(result);

Output : JavaScript

substr() method : This method has 2 parameters start and count. start parameter is required and specifies the position where to start the extraction. count parameter is optional and specifies the number of characters to extract. If the count parameter is not specified, all the characters from the start position till the end of the string are extracted. If count is 0 or negative, an empty string is returned.  
  
Extract the first 10 characters

var str = "JavaScript Tutorial";

var result = str.substr(0, 10);

alert(result);

Output : JavaScript  
  
If the count parameter is not specified, all the characters from the start position till the end of the string are extracted

var str = "JavaScript **Tutorial**";

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var result = str.substr(11);

alert(result);

Output : Tutorial