JavaScript Assignment 2

1)With example illustrate variable and function closure in javascript.

2) Write a javascript function named **reverse** which takes a string argument and returns the reversed string.

3)Given a javascript array of objects having a radius property as shown [{radius: 5}, {radius: 9}, {radius: 2}] , write a comparator function to sort it.

4)Write a Javascript program to sort elements of an array using sorting algorithm

5)Write a javascript function named length_of_array , which takes an array as argument and returns the number of elements in that array (as opposed to what is given by the length property of the array). Remember undefined can also be an element if it is explicitly set at some index, e.g. x[5] = undefined; . This undefined should be counted, but elements which are not present in the array (as arrays can be sparse), should not be counted.

6)With suitable example explain OOL concepts in javascript like Inheritance, Constructor, Encapsulation and Abstraction .

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