**Practice Questions**

**January May 15, 2024**

**ALL students are REQUIRED to submit these questions’ solution in drop box.**

**For your convenience, some of the functions that will be used are listed below. If you require assistance in fixing a problem, seek out others.**

**s.length - will tell us the length of the string (UTF-16 code units)**

**s.charAt(1) - returns the character at the given position (UTF-16 code unit). We can also use s[1] and use an index notation to get a particular character from the string.**

**s.concat() - returns a new string created by concatenating the original with the given arguments.**

**s.includes("tex") - returns true if the search string is found within the string, otherwise false if not found.**

**s.startsWith("some") - returns true if the string starts with the given substring, otherwise false.**

**s.endsWith("text") - returns true if the string ends with the given substring, otherwise false.**

**s.slice(2, 3) - returns a new string extracted (sliced) from within the original string. A beginning index and (optional) end index mark the position of the slice.**

**s.split() - returns an Array of substrings by splitting the original string based on the given separator .**

**s.toLowerCase() - returns a new string with all characters converted to lower case.**

**s.toUpperCase() - returns a new string with all characters converted to upper case.**

**s.trim() - returns a new string with leading and trailing whitespace removed.**

**Questions!**

1. Write a JavaScript function that reverse a number.

Sample Data and output:

Example x = 15243; // reverseNumber(15234)

Expected Output: 34251

Hint: reverse( ) reverses what is given to it.

1. Write a JavaScript function that returns a passed string with letters in alphabetical order.

Example string : 'keyincollege'

Expected Output : 'ceeegikllnoy'

Sort() …

1. Write a JavaScript function to get the extension of a filename.
2. Write a JavaScript function to get the current date.

**Expected Output:**

mm-dd-yyyy, mm/dd/yyyy or dd-mm-yyyy, dd/mm/yyyy

1. Write a function in JavaScript “captalize(str)” that returns the string “str” with its first letter converted to capital (if that is small letter – if it is already capital, returns the string as is)
2. Write a function in JavaScript “checkPeriod(str)” that returns “contain period” if str contains a period “.”, otherwise it returns “no period”.
3. Write a function in JavaScript “putSuffix(num)” that takes a number “num” as parameter and puts a suffix with it. For example, if num is 22 then the function returns 22nd, if num is 23 then function returns 23rd and so on. If user does not provide a parameter, then it should return without anything.