**Geco ReactJS Training**

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| ReactJS Assignment |  |
| Name: | Ho Choo Geok |
| Date of Submission: | 10th October 2022 |
| Cohort No.: | 27 |
| Week No.: | 1 |
| Daily Task No.: | 1 |

 <!-- Week 1 - Daily Task 1  - Date:10th October 22 -->

<script>

console.log('A'-1); // NaN

console.log('A'+1); // A1

console.log(2+'2'+'2'); // 222

console.log('hello'+'world'+89); // helloworld89

console.log('hello'-'world'+89); // NaN

console.log('hello'+78); // hello78

console.log('78'- 90 +'2'); // -122

console.log(2-'2'+90); // 90

console.log(89-'90'/2); // 44

console.log(89+'hello'+90/9); // 89hello10

console.log(2+'2'+null); //22null

console.log(true > false); // true

console.log(true + false); // 1

console.log((true + false) > 3); //false

</script>

<!-- 2.Extract first five letters from a string ('gfuh ieiuei') -->

var str = 'gfuh ieiuei';

console.log(str.slice(0,4));

<!-- 3. Get the length of a string and make it uppercase ('hduej dij') -->

var str = 'hduej dij';

console.log(str.length);

console.log(str.toUpperCase());

<!-- 4. Take a string, make it uppercase and trim it (' biji jdo ') -->

var str = ' biji jdo ';

console.log(str.toUpperCase());

console.log(str.trim());

<!-- 5. Replace specified word in a string ('', '') -->

var str = ' I love to eat durian';

console.log(str.replace('durian','apple'));

<!-- 6. Find the duplicate in a string() (use array) -->

var array = ['A','B','C','D','A','E'];

for (let i=0;i<array.length-1;i++){

  <script>

    var array = ["A", "B", "B", "E"];

     for (let i = 0; i < array.length; i++) {

      for (let j = 0; j < array.length; j++) {

          if(i!=j){

              if (array[i] === array[j ]){

              alert("duplicate value");

              }

          } console.log("value of i" + i);

          console.log("value of j" + j);

      }

      }

  </script>

<!-- 7. Reverse a string (use array method) -->

      <script>

        let str = "ABCDE"

        let reverseStr = "";

        for(let i=str.length;i>=0;i--){

          reverseStr = reverseStr + str[i];

        }

      </script>

<!-- 8. Find the highest and lowest value in array -->

    <script>

      var array = ["1", "2", "3", "4"];

      var max = Math.max(...array);

      var min = Math.min(...array);

    </script>

<!-- 9. Practice array of objects -->

<!-- 10. Display first 3 elements in an array -->

    <script>

         var array = ["1", "2", "3", "4"];

         for (let i=0;i<3;i++){

            var arrayDisplay = array[i]

            console.log(arrayDisplay);

         }

    </script>

<!-- 11. Remove 4th (index) element and add 2 element there-->

    <script>

      var array = ["A", "B", "C", "D","E"];

    array.splice(4,1,"G","F");

    console.log(array);

    </script>

<!-- 12. var str1 = 'Today is';

var str2 = '  a beautiful day  '

var str3 = ' In Hawaii. '

Result = 'Today is a beautiful day In Hawaii.'

Use the str1, str2, str3 variables to create the Result string. Keep the extra spaces, lowercase and uppercase letters in mind.  -->

    <script>

      var str1 = 'Today is';

      var str2 = '  a beautiful day  '

      var str3 = ' In Hawaii. '

      var newStr2 = str2.trim();

      var newStr3 = str3.trim();

      var newStr4 = newStr3.replace("In", "in");

      var newStr = str1 + " " + newStr2 +" " + newStr4;

    </script>