# Js code to take input from the user and print it in the user console

*var* x=2

*var* y=x\*\*x

console.log(y)

# various string methods

//length of the string

*let* str='umesh'

str1=console.log(str.length)

console.log(str1)

//\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

//sring concatanation

*let* last='sai'

str2=str.concat(last)

console.log(str2)

//\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

//finding a  string in a string

*let* sen="good morning have a nice day"

*let* index=sen.indexOf('morning')

console.log(index)

//\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

//getting last index

lastindex=sen.lastIndexOf('nice')

console.log(lastindex)

//\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

//searching  a string in a string

*let* search=sen.search('day')

console.log(search)

//\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

//slicing a string

slice=sen.slice(4,12)

console.log(slice)

//\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

// substring in a string

substring=sen.substring(5)

console.log(substring)

//\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

//string replace

strigreplace=sen.replace('morning','night')

console.log(strigreplace)

//\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

//toupppercase

uppercase=sen.toUpperCase()

console.log(uppercase)

//\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

//tolowercase

sen1='GOOD MORNING'

lowercase=sen1.toLowerCase()

console.log(lowercase)

//\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

//string trim

string="                          hello jarvis!!!"

trimmed=string.trim()

console.log(trimmed)

//\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

//charat()

charaat=sen1.charAt('3')

console.log(charaat)

//\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

//array and its methods

//tostring()

*let* friends=['umesh','madhu','shaik','pavan','prasad'];

toString=friends.toString()

console.log(toString)

//\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

//.join()

join=friends.join('and')

console.log(join)

# checking user is above 18 and can drink or not

*function* myFunction()

{

*var* txt;

    if (confirm("are u above 18"))

    {

      console.log(txt = "u can drink");

    } else

    {

      console.log(txt = "You cannot drink");

    }

}

myFunction()

## <

## array methods

<html>

<head>

    <body>

        <h1>array methods</h1>

        <p id="demo"></p>

        <!-- array methods ( to string())-->

        <button type="button" onclick="stringto()">array to string</button>

        <br>

        <br>

        <button type="button" onclick="stringjoin()"> joining array</button>

        <br>

        <br>

        <button type="button" onclick="arraypop()">popping array</button>

        <br>

        <br>

        <button type="button" onclick="arraypush()">push array</button>

        <br>

        <br>

        <button type="button" onclick="arrayshift()">shift array</button>

        <br>

        <br>

        <button type="button" onclick="arrayunshift()">unshift array</button>

        <br>

        <br>

        <script>

            friends = ['madhu', 'raham', 'umesh', 'sai']

*function* stringto() {

                document.getElementById('demo').innerHTML = friends.toString();

            }

*function* stringjoin() {

                document.getElementById('demo').innerHTML = friends.join('and');

            }

*function* arraypop() {

                document.getElementById('demo').innerHTML = friends.pop();

            }

*function* arraypush() {

                friends.push('pavan')

                document.getElementById('demo').innerHTML = friends

            }

*function* arrayshift() {

                friends.shift()

                document.getElementById('demo').innerHTML = friends

            }

*function* arrayunshift() {

                friends.unshift('good')

                document.getElementById('demo').innerHTML = friends

            }

        </script>

    </body>

</head>

</html>