let arr = [1, 2, 3, 4, 5]

let newArr = arr.map(element => {

    return element \* 2

});

console.log(newArr);

*// 2. String Manipulation.*

let str = "Hello World"

console.log("Original String: ",str);

function manipulateString(str, callback){

    let str1 = str.toUpperCase();

*// console.log(str1);*

    logString(str1);

}

function logString(str1){

    console.log(`The manipulated String is: ${str1}`);

}

manipulateString(str, logString)

*//                                      Age In Days*

let person = {

    firstName : "Mohnish",

    lastName : "Gorana",

    ageInYears: 22

}

console.log(person);

*// const todayDate = new Date();*

*// console.log(todayDate);*

function ageInDays(person, callback){

    const fullName = person.firstName +" " + person.lastName

    const todayDate = new Date();

    let ageInDays = person.ageInYears \* 365

    let msg = "Persons Full Name is " + fullName + " and their age in days is " + ageInDays;

    logFun(msg);

}

function logFun(msg){

    console.log(msg);

}

ageInDays(person, logFun)

*//                                       Arrange in alphabetical order*

let books = [

    { title : "Money Matters !", author: "Mohnish Gorana", year: 2025 },

    { title : "kbknm !", author: "Xyz", year: 2030 },

    { title : "Ancient", author: "ABc", year: 2021 },

]

for(var i in books){

    console.log(books[i].author);

}

let booksTitles = books.map( operation )

function operation(books){

    return books.author

}

console.log(booksTitles.sort());

*// 5. Greeting Promise.*

async function Greeting(myName) {

    let msg = new Promise( (resolve, reject) => {

        setTimeout( () => {

            resolve(`Hello ${myName}`)

        },0000)

    })

    return `Hello ${myName}`

}

let greetMsg = Greeting("Mohnish")

greetMsg.then( (value) => {

    console.log(value);

})

*// 6. Fetch results asynchronously.*

fetch('https://jsonplaceholder.typicode.com/todos/1')

 .then(response => {

    return response.json();

 })

 .then((data)=>{

    console.log("Fetched Data \n",data);

 })

*// 7. Multiple requests.*

*.*

async function fun() {

  fetch("https://jsonplaceholder.typicode.com/todos/1")

    .then((response) => {

      return response.json();

    })

    .then((data1) => {

       var api1 = data1.title;

*//   console.log("Todo : ", data1.title)*

    });

  fetch("https://jsonplaceholder.typicode.com/posts/1")

    .then((response) => {

      return response.json();

    })

    .then((data2) => {

      var api2 = data2.title;

*// console.log("Posts : ", data2.title)*

    });

    let result = {

        todo : api1,

        posts: api2

    }

    return result

}

let bothApi = fun();

bothApi.then((value) =>{

    console.log(value);

})

*// 8.*

fetch('https://jsonplaceholder.typicode.com/posts')

    .then( (response) => {

        return response.json();

    })

    .then( (value) => {

        console.log(value);

    })