// Q.1 JAVASCRIPT QUESTION

function doubleCallback(arr,callback){

    return arr.map(callback);

}

function double(num){

    return num\*2;

}

let input = [1,2,3,4,5];

let doubleArr = doubleCallback(input,double);

console.log(doubleArr);

// Q.2 JAVASCRIPT QUESTION

function manipulateString(inputString, callback){

    const manipulated = inputString.toUpperCase();

    callback(manipulated);

}

function logstring(manipulated){

    console.log(`The manipulate is ${manipulated}`);

}

manipulateString("hello world !",logstring);

// Q.3 JAVASCRIPT QUESTION

var personDetail = {

    firstName: 'Abhi',

    lastName: 'Raj',

    age: 20

};

function ageInDays(person){

    var fullName = person.firstName + ' ' + person.lastName;

    var ageInDays = person.age\*365;

    return function(){

        console.log(`The person's full name is ${fullName} and their age in Days ${ageInDays}`);

    }

}

var logmessage = ageInDays(personDetail);

logmessage();

// Q.4 JAVASCRIPT QUESTION

var books = [

    {

        title: 'Who Are You ? ',

        author: 'George Orwell',

        year: 2021

    },

    {

        title: 'Pride And Prejudice',

        author: 'Jane Austen',

        year: 1983

    },

    {

        title: 'The Great Gatsby',

        author: 'F. Scott Fitzgerald',

        year: 2020

    }

];

function getTitleList(books) {

    return books.map(book => book.title);

}

function logTitlesInOrder(titleList) {

    titleList.sort();

    titleList.forEach(title => console.log(title));

}

var titleList = getTitleList(books);

logTitlesInOrder(titleList);

// Q.5 JAVASCRIPT QUESTION

function greet(name){

    return new Promise((resolve) => {

        const greeting = `Hello ${name}`;

        resolve(greeting);

    });

}

greet("Abhi").then((message) => console.log(message));

// Q.6 JAVASCRIPT QUESTION

async function fetchData(){

    const response = await

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

    const data = await response.json();

    console.log(data);

}

fetchData();

// Q.7 JAVASCRIPT QUESTION

async function fetchData(){

    const [data1, data2] = await Promise.all([

        fetch("https://jsonplaceholder.typicode.com/todos/1").then((response) => response.json()),

        fetch("https://jsonplaceholder.typicode.com/posts/1").then((response) => response.json()),

    ]);

    const combinedData = {

        todo: data1,

        post: data2,

    };

    return combinedData;

}

fetchData().then((data) => console.log(data));

.

<!-- Q.8 JAVASCRIPT QUESTION  -->

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Get the Data from API and Display it on the browser console.</title>

</head>

<body>

    <script>

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

        .then((response) => response.json())

        .then((data) => console.log(data))

        .catch((error) => console.error(error));

    </script>

</body>

</html>

<!-- Q.9 JAVASCRIPT QUESTION  -->

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Error Handling</title>

</head>

<body>

    <script>

        fetch("https://jsonplaceholder.typicode.com/posts/123456789").then((response) => {

            if(!response.ok){

                throw new Error("Network Response Was Not Ok");

            }

            return response.json();

        });

    </script>

</body>

</html>