*// Q.1 JAVASCRIPT QUESTION ...*

const car = {

    make: "Mercedes",

    model: "BENZ",

    year: 1960

};

function displaycar(*car*){

    for(const properties in *car*){

        console.log(`${properties}: ${*car*[properties]}`);

    }

}

displaycar(car);

*// Q.2 JAVASCRIPT QUESTION ...*

const student = {

    name: "Abhishek",

    age: 19,

    grade: "A++"

};

function updatedata(*newdata*){

    student.grade = *newdata*;

}

updatedata("B");

console.log(student);

*// Q.3 JAVASCRIPT QUESTION ...*

function countproperties(*obj*){

    return Object.keys(*obj*).length;

}

const exampleObject = {a: 1, b: 2, c: 3};

console.log(countproperties(exampleObject));

2nd method

const student = {

    name: "Abhishek",

    age: 20,

    hobbies: ["Music","reading"],

};

let count = 0;

for(let key in student){

    count++;

}

console.log(count);

*// Q.4 JAVASCRIPT QUESTION ...*

const person = {

    name: "Abhishek",

    age: 20,

    address: {city: "Sheikhpura"}

};

if('age' in person){

    console.log('Person object has the age property');

}

if('email' in person){

    console.log('Person object has the email property');

}else{

    console.log('Person object does not have email property');

}

*// Q.5 JAVASCRIPT QUESTION ...*

const radius = 10;

const area = Math.PI \* Math.pow(radius,2);

console.log(area);

*// Q.6 JAVASCRIPT QUESTION ...*

function ReverseString(*str*){

    return *str*.split('').reverse().join('');

};

console.log(ReverseString("PwSkill"));

*// Q.7 JAVASCRIPT QUESTION ...*

const userMap = new Map();

function addUser(*name*, *age*, *email*){

    const userInfo = {

        age,

        email

    };

    userMap.set(*name*, userInfo);

}

function updateUser(*name*, *age*, *email*){

    if(userMap.has(*name*)){

        const userInfo = userMap.get(*name*);

        userInfo.age = *age*;

        userInfo.email = *email*;

    }

}

function deleteUser(*name*){

    userMap.delete(*name*);

}

addUser("Abhishek", 30, "abhiraj7361@gmail.com");

addUser("Alakh Pandey", 20, "pwskills2589@gmail.com");

console.log(userMap);

updateUser("Abhishek", 31, "abhishek7322@gmail.com");

console.log(userMap);

deleteUser("Alakh Pandey");

console.log(userMap);