1. Strings

How do you declare a string in JavaScript? Provide an example.

Let name1=”nour”

What will be the output of the following code?

let firstName = "John";

let lastName = "Doe";

console.log(firstName + " " + lastName);

John Doe

How can you find the length of a string in JavaScript?

 Let str =’nour’;

Console.log(length.str);

2. Booleans

What are the two possible boolean values in JavaScript?

True

False

Predict the output of the following:

let x = 10 > 5;

console.log(x);  true

How do you check if a variable is true in an if-statement?

 ===

3. Objects

How do you create an object in JavaScript?

Let obj = {}

Given the following object:

let person = {

  name: "Ali",

  age: 25,

  country: "Jordan",

};

How would you access the age property?

Console.log(person.age);

What will be the output of the following code?

let user = {

  name: "Sara",

  age: 22,

  job: "Engineer",

};

console.log(user["job"]);

Engineer

4. Array Objects

How do you declare an array in JavaScript?

Let arr =[];

What will be the output of this code?

let fruits = ["apple", "banana", "cherry"];

console.log(fruits[1]);

banana

How can you add an item to the end of an array?

Fruits[3]=’kewi’;

5. Date Objects

How do you create a new Date object in JavaScript?

Let date = new date();

How do you get the current day of the week from a Date object?

 let today = new date();

const today = new Date();

console.log(today);

6. Functions

What will be the output of the following function call?

function multiply(x, y) {

  return x \* y;

}

console.log(multiply(4, 5));  20

How do you define a function that converts Fahrenheit to Celsius?

console.log(car);

console.log(car[0]+" "+ car[2]);

function toCelesuis(fah){

    return (5/9) \* (fah - 32) ;

}

console.log(toCelesuis(100));

7. Objects with Methods

How do you define a method inside a JavaScript object?

Info : funcution firstFun(){};

What will be the output of the following code?

let car = {

  brand: "Toyota",

  model: "Corolla",

  getDetails: function () {

    return this.brand + " " + this.model;

  },

};

console.log(car.getDetails());

Toyota Corolla

How can you add a new method to an existing object?

 Info : funcution firstFun(){};

8. Looping through Objects

How can you loop through an object’s properties?

document.getElementById("demo").innerHTML=JSON.stringify(user);

What will be printed by the following loop?

let person = {

  name: "Hussam",

  age: 30,

  city: "Amman",

};

for (let key in person) {

  console.log(key + ": " + person[key]);

}

  name: "Hussam",

  age: 30,

  city: "Amman",

9. Conditional Statements

What is the difference between if and else if?

اذا ما تحقق الشرط ب if تنزل على else if

Identify the issue in the following code:

let age = 25;

if (age > 30) {

  console.log("Older than 30");

} else if ((age = 30)) {

  console.log("Exactly 30");

} else {

  console.log("Younger than 30");

}

Correct the mistake in the above code.

let age = 25;

if (age > 30) {

  console.log("Older than 30");

} else if (age = ==30) {

  console.log("Exactly 30");

} else {

  console.log("Younger than 30");

}

10. Switch Statements

What will be the output of this switch statement if today is Monday?

let day;

switch (new Date().getDay()) {

  case 0:

    day = "Sunday";

    break;

  case 1:

    day = "Monday";

    break;

  default:

    day = "Invalid day";

}

console.log(day); Monday

How does the break statement work in a switch case?  توقف تنفيذ الكود عند اول true

What happens if you forget to include a break statement in a switch case?  it will check all cases