1. Strings

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

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

What will be the output of the following code? John Doe

let firstName = "John";

let lastName = "Doe";

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

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

Let

console.log(nuString.length);

2. Booleans

What are the two possible boolean values in JavaScript? Ture false

Predict the output of the following:

let x = 10 > 5;

console.log(x);

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

If true, it executes, and no other conditions are checked.

3. Objects

How do you create an object in JavaScript? Let user={

};

Given the following object:

let person = {

name: "Ali",

age: 25,

country: "Jordan",

};

How would you access the age property? Console.log(person.age);

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 car=[" ”]

What will be the output of this code? apple

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

console.log(fruits[1]);

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

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 day

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

    case 0:

     day="monday";

     break;

     case 1:

    day="tuseday";

     break;

}

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?

function toCelsius(fer){

    return (5/9) \* (fer-32);

}

console.log(toCelsius(90));

7. Objects with Methods

How do you define a method inside a JavaScript object? Cosole.log(user.car.name);

What will be the output of the following code? Toyota Corolla

let car = {

brand: "Toyota",

model: "Corolla",

getDetails: function () {

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

},

};

console.log(car.getDetails());

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

Add this to the car object

Name:{

firstName:”fatima”;

}

8. Looping through Objects

How can you loop through an object’s properties?

What will be printed by the following loop?

name: Hussam

age: 30

city: Amman

let person = {

name: "Hussam",

age: 30,

city: "Amman",

};

for (let key in person) {

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

}

9. Conditional Statements

What is the difference between if and else if? We should to use else with if , but else if does not need else

If true, it executes, and no other conditions are checked.(if)

Checked only if the previous if or else if condition was false.(else if)

Identify the issue in the following code: the (=) will assign the result we should use the (===) chaek the result with the data type

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. else if ((age ===30))

10. Switch Statements

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

let day;

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

case 0:

day = "Sunday";

break;

case 1:

day = "Monday";

break;

default:

day = "Invalid day";

}

console.log(day);

How does the break statement work in a switch case? if today is Sunday

Case0: will be Sunday if there is break if there is not will give wrong answer

What happens if you forget to include a break statement in a switch case? not give the right answer