

Today, I learned many things about JavaScript, and it was really interesting. First, I learned how to access an array using the index of the array. In JavaScript, an array is like a list where we can store many values in one variable. Each value in the array has a position, called an index, and it starts from 0. So if we have an array with fruits, the first fruit will be at index 0, the second at index 1, and so on.

After that, I learned how to create an object. An object in JavaScript is like a collection of data, where each data has a name (called a key) and a value. For example, a person object can have a name, age, and country. To get the name from the object, we use the key assigned to it.

Next, I learned how to return values from a function. A function is a block of code that can do something when we call it. If we want a function to give back a value, we use the return statement. For example, if we have a function that adds two numbers, it will return the sum when we call it.

Then, I learned about conditions in JavaScript. Conditions help us decide what to do based on some value. The if statement is used when we want to check if something is true and then run some code. For example, if we check the age of a person and if it is greater than or equal to 18, we can print that the person is an adult.

If we also want to do something when the condition is false, we use else. For example, if the age is less than 18, we can print that the person is not an adult. If we have more than two conditions, we use else if. For example, if we check marks, we can have different conditions for different grades like A, B, or C.

Finally, I learned about loops. Loops help us repeat a task multiple times without

writing the same code again and again. The for loop is very useful. It has three parts: starting point, condition, and increment. For example, if we want to print numbers from 1 to 5, we can start from 1, check if the number is less than or equal to 5, and increase it by 1 in every step.

This way, we can repeat code many times easily. I found today's learning very useful because these concepts are the basics of JavaScript, and they are used in many programs. I will practice more to get better at java script