JavaScript Fundamental Concept

JavaScript Arrays:

JavaScript arrays are used to store multiple values in a single variable.

Array Syntax: const array\_name = [item1, item2, ...];

You can also create an array, and then provide the elements:

Const array = []; array[0] = age; array[1] = name ;…………

Get index postion number using this syntax: const array = array.indexof(array[i] value);

Set new value in existing array using this syntax: const array.push(new element);

The length property of an array returns the length of an array (the number of array elements). Syntax: const array = array.length;

Add items to the beginning of an array: array.unshift(100);

Remove items to the beginning of an array: array.shift();

The slice() method returns a shallow copy of a portion of an array into a new array object selected from start to end (end not included) where start and end represent the index of items in that array. Syntax: slice(start, end)

While Loop

The while statement creates a loop that executes a specified statement as long as the test condition evaluates to true. The condition is evaluated before executing the statement.

Syatax: while(condition) statement

JavaScript Object:

Object Syntax: var student = {id: 1026, name: ‘Sheikh’, phone: ‘07562’}

We can Get data from object in 3 way:

* 1.var studentName = student.name;
* 2.var studentName = student.[‘name’];
* 3.var sName = “name” then parse the studentName variable like

Var studentName = student[sName]

We can Set data from object in 3 way:

* student.name = “Farid”;
* student.[‘name’] = “Farid”;
* var sName = “name” then set value

student[sName] = “Farid”;

We can Set New property in our existing object:

* Student.address = “Uttara”;